'25

CRAFTSMAN

REG. U.S. PAT. OFF.

POWER TOOLS

1954 Models

SEARS, ROEBUCK AND CO.

Satisfaction Guaranteed or Your Money Back

The Blade that Sawed through 27 Miles of Masonite Presdwood Without Sharpening!

THE RECORD SHOWS WHY this blade is so superior, so safe! One of these saw blades —10-inch diameter—sawed over 27 miles of ¾-in. laminated Masonite Presdwood without sharpening, without breaking, until damaged by a steel object.

Teeth are tipped with Tungsten Carbide . . . hardest metal made by man! It's the modern wonder metal that has revolutionized industry.

Greater Safety! Longer Life!

Safer . . only 8 teeth, each projects just .020-in. above non-cutting edge.

Tips are stronger, blade wears 20 times longer than ordinary steel saws.

Whichever type saw you own—bench, electric hand, radial, swing, builders, or floor model—there's a CRAFTSMAN Carbide Blade designed-to-fit.

½ or 1¾ in. square | 1, 1⅛, 1⅜ in. round | ½, ⅝, ¾ in. round | 1¾ inch diamond

We have a blade for every size and shape arbor hole . . diamond, square, or round, for every popular power saw . . bench, swing, radial, or hand. Order one of these outstanding blades for your saw and you'll share our enthusiasm.

CRAFTSMAN Carbide Tipped Saws

REG. U.S. PAT. OFF.

Tungsten carbide has often been called "the man-made diamond." It is the hardest metal yet developed. Fifty years in the scientists' laboratories, it was finally proved during World War II and has, since then, become the wonder-cutting metal of industry. Tungsten carbide is a scientifically balanced and blended mixture of cobalt, tungsten and high speed steel heat treated at very high temperatures to fuse it into diamond-like hardness without brittleness.

We introduced this special design blade less than two years ago and in that time it has become our most popular saw blade. Each of the eight teeth (12 on 12-in. blade) have been tipped with this amazing metal forming the toughest cutting teeth available. We believe that our CRAFTSMAN Saw has a wider range of performance than other carbide blades made . . compare our price . . see what you save. Order one of these blades . . try it in your power saw.

Actually cost less to use than ordinary saw blades . . because they last up to 20 times as long as ordinary blades. Special steel blade is heat treated. Safer 8-tooth design (12 on 12-in. blade.) Each tooth projects only .020 in. above non-cutting edge. Saw can't grab . . protects you from kickback injuries. Cuts faster . . easier . . uses less power than ordinary circular saw blades.

Ideal for use in industry . . increases production because it lasts longer. Use in woodworking shops, wood pattern shops, saw mills, lumber yards and lumber camps. Needed by the home craftsman.

Cuts all these materials: all types of wood, plastics, plywood, Formica, Masonite Presdwood, Transite, laminates, asbestos, abrasive roofing materials, aluminum, zinc, etc. (Do NOT use for cutting masonry, steel, iron, or other ferrous metals.) *Order from table below.* Fit all types and size saws with round, square and diamond shaped arbors. Use to rip, cross-cut and miter.

9 A 4943—*Please state diameter, arbor hole size and shape wanted.*

Diam.	Arbor Hole	Fits these saws	Shpg. wt.	Price
5⅝ in.	13/16-in. diamond	6-inch Skil-saw	1 lb.	$7.75
6½ in.	1⅛-in. round	6-inch Black and Decker	1 lb.	7.75
6 in.	½-in. square	Mall and DUNLAP 99A02572	1 lb.	7.75
6½ in.	½-in. round	CRAFTSMAN 99A02553; bench saws	1 lb.	7.75
6 in.	⅝–½-in. round	Porter-Cable; bench saws	1 lb.	7.75
7 in.	⅝–½ in. round bushed arbor	Bench saws	1 lb. 4 oz.	8.25
7 in.	13/16-in. diamond	Skil-saw, and Sears former model 02186	1 lb. 4 oz.	8.25
7 in.	½-in. square	Mall	1 lb. 4 oz.	8.25
8 in.	⅝–½-in. round	CRAFTSMAN 99A02557; bench saws	1 lb. 8 oz.	8.75
8 in.	13/16-in. diamond	Skil-saw	1 lb. 8 oz.	8.75
8 in.	13/16-in. square	Mall electric saw	1 lb. 8 oz.	8.75
8 in.	1⅛-in. round	Black and Decker electric saw	1 lb. 8 oz.	8.75
10 in.	1—¾–⅝-in. round	Bench, builders', radial, swing saws	2 lbs. 8 oz.	10.95
12 in.	1—¾-in. round bushed arbor	Radial, swing, and bench saws	4 lbs. 8 oz.	17.50

Silicon Carbide Grinding Wheels

Grinding Wheels for sharpening carbide-tipped tools. Regular grinding wheels will not adequately grind or sharpen your carbide tools. Vitrified green silicon carbide . . recently developed, makes carbide grinding available at a low cost. 3/16-in. thick. 1-in. center hole. Bushings furnished for smaller shafts. *State catalog number, wheel and shaft diameter.*

See Safety Information Page 46.

9 A 6424—Fine grit. 6-in. diam. Wt. 3 lbs. **$1.89**
Fine grit. 7-in. diam. Wt. 3 lbs. 3 oz. **$2.29**
9 A 6425—Coarse. 6-in. diam. Wt. 3 lbs. **$1.89**
Coarse grit. 7-in. diam. Wt. 3 lbs. 3 oz. **$2.29**

Saw Blade Stabilizers

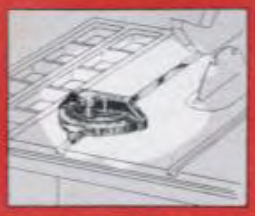
Designed especially for carbide-tipped blades listed above . . but can be used with any saw blade from 7-inch to 12-inch diameter. Fitted against the saw blade, they help the blade produce a smoother cut by eliminating any slight wobble which may be found in a blade rotating at high speeds. Made from highest quality steel. **Available in two sizes**: 4-inch diameter, ⅝–½-inch arbor bushed; and 4-inch diameter, 1–¾-inch arbor bushed. *Order by catalog number and state arbor size.* Shipping weight 1 pound. **For complete circular saw blade listing see page 11.**

9 A 4952 . . . . . Pair **$1.98**

Copyright by Sears, Roebuck and Co. 9.16.53 Printed in U.S.A. RF9280 All

NOW! INTRODUCED AFTER TWO YEARS DEVELOPMENT NEW FLOOR MODEL SAW OUT-PERFORMS 5 OTHER LEADING MAKES*

*Based on actual comparison tests with 5 leading competitive models: CRAFTSMAN, with its 15 outstanding features, is rated superior in Design, in Construction, in Sawing Performance!



Die cast, self-indexing miter gauge has grooved face; "hypodermic" type grip controls plunger for unfailing accuracy. Sets of 45 and 90 degrees.

Know your cut will be perfect! Exact-I-Cut, found on no other saw, shows exact size of saw kerf, aligns blade precisely with cut-mark!

7 Features Most Valuable to You!

★ **Saw Blade** . . .10-in. carbide tip blade as standard equipment. (See facing page).

★ **Table Extensions** . . . Pair, 8x27-in. Grid type, standard equipment on this new saw.

★ **Miter Gauge** . . . Gives pre-set accuracy never before obtained! (Shown above left).

★ **Rip Fence** . . . Heavy cast iron, double locking with one lever . . . built to take roughest use. Rides smooth and free on ball bearing in rear. Can be removed easily from any point on saw . . . Simply push in at front, lift up at rear. Micro-adjustment now makes fence alignment accurate, easy.

★ **Rip Fence Bar** . . . Graduated scale runs in both directions to show rip width on either side of blade. Extra scale included for use when both extensions are placed on one side of saw.

★ **Exact-I-Cut** . . . Eliminates "mis-cuts" caused by guessing width of blade. Adjusts to blade kerf size. (Shown above right).

★ **Cast Iron Table with extensions** . . . 36x27 inches, heavily ribbed.

$255.00 Cash
Without motor, guard
$25.50 Down
USE SEARS EASY TERMS

Double-row grease sealed precision ball bearings NEVER need lubrication!

CRAFTSMAN "INDUSTRIAL"
This tool is designed and built for production work in industry—with specifications to meet the demands of factories and shops.

CRAFTSMAN 10-inch Tilting-Arbor Saw

REG. U.S. PAT. OFF.

A Product of Planning! Yes, only a long, long period of planning and experiment could have produced this saw, proven in performance tests, fully supported by Sears' reputation, a credit to its title, CRAFTSMAN—finest name in hardware!

Here's New Industrial Goliath, built to take roughest day-by-day handling through years of non-stop industrial service. And as industry's best, it is equally unsurpassed for home, farm, or school work shops.

Here are more outstanding features: Cast iron frame has rigid, box section construction (enclosing elevating screws). Rigid cast iron motor mount (with safety catch in case of belt breakage), is supported by two ¾-inch diameter rods in vertical plane on rear of frame. The table insert surrounding blade can be adjusted from top to keep insert perfectly level with table. Each control has a minimum of play and very smooth action unaffected by motor weight.

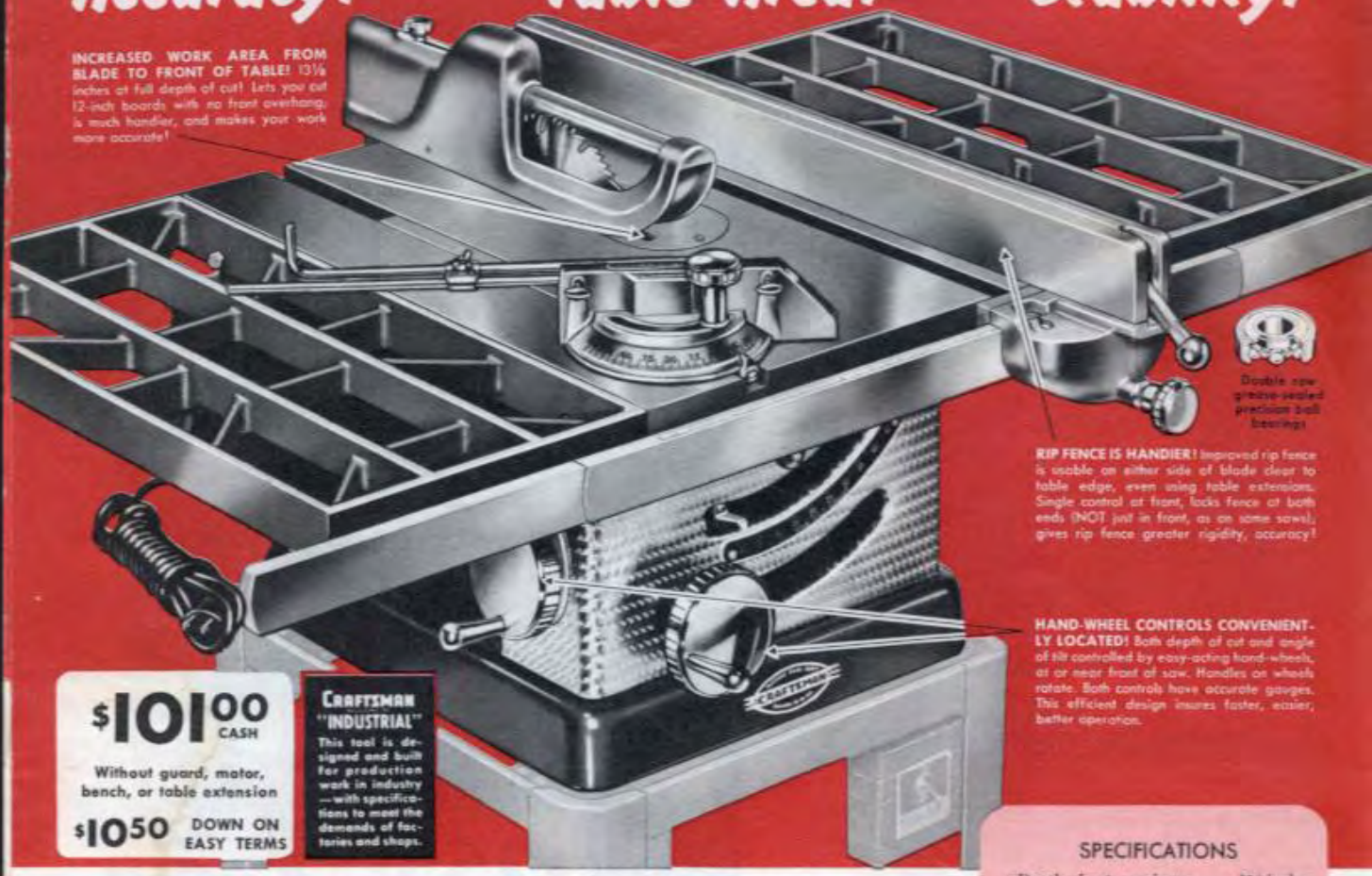
Built-in sawdust chute ahead of blade is a rigid steel stamping. Double ¾-in. V-belt drive; matched belts. Cast iron motor mount, pulleys, and belt guard included. Motor, switch, saw guard, dado insert, and wheel set not included. For switch 9 A 1923 see page 57.

SPECIFICATIONS

- Depth of cut, maximum . . . . . 3¼-in.
- Size and type of blade . . . . . 10-in. carbide tipped
- Length of fence . . . . . 31 9/16-in.
- Bearings . . . . . 2 sets sealed ball; lubricated for life
- Arbor speed recommended . . . . 3450 R.P.M.
- Table size with extensions . . . . . 36x27-in.
- Base size . . . . . 22¾x19¾ in.
- Motor recommended . . . . . (min.) 1-H.P.; (industrial) 1½-H.P. . . . . 3450 R.P.M.
- Machine pulley (included) . . . 2½-in. (dual)
- Motor pulley (included) . . . . . 2¼-in. (dual)
- V-belts (2 matched belts) . . . . . ¾x44 in.
- Overall dimensions . . . . . Depth 36½ in. Height 37⅜; Width 36 in.

99 A M2727—Floor Model Saw without motor. Shipping weight 293 pounds $255.00
99 A M2786—As above, but with 1-H.P. 3450 R.P.M. ball-bearing capacitor motor (115–230-volt, 60-cycle A.C.) With overload protector. Shipping weight 354 pounds $303.95
9 A 2732—**Saw Guard Assembly** for above saw. Shipping weight 4 pounds 11.95
9 A 2747—**Dado Insert** for above saw. Shipping weight 12 ounces 3.50
9 A 2748—**Wheel Set.** (Shown above.) Shipping weight 6 pounds 8 ounces 5.75
9 A 2720—**Miter Gauge** for above saw. Shipping weight 5 lbs. 3 oz. 8.25
9 A 2721—**Smooth-Cut Collars** steady blade, dampen vibration. Wt. 8 oz. . . . . Set of 2 2.50
99 A 02731K—**Motor Mount** for 1½ HP motor. With 3-groove pulley, 3 matched belts. For use with motors 99A01988L, 99A01953L, or 99AM1917—see motor pages. Shpg. wt. 23 lbs. $23.95

Greater Accuracy! Greater Table Area! Greater Stability!



$101.00 CASH

Without guard, motor, bench, or table extension

$10.50 DOWN ON EASY TERMS

CRAFTSMAN "INDUSTRIAL"

This tool is designed and built for production work in industry—with specifications to meet the demands of factories and shops.

CRAFTSMAN "100"
REG. U. S. PAT. OFF.

10-in. Tilting Arbor Bench Saw

Big . . Husky . . Extra Heavy Duty . . Precision-built

By far the finest bench saw we've ever sold! Easily meets the rigid requirements of large industrial shops. For outstanding quality, mechanically superior features, exceptional performance—*all in one saw* . . . we're convinced this superb CRAFTSMAN tilting-arbor saw cannot be matched today at anywhere near this price!

Has features found in NO other bench saw! Work goes much faster, easier because only brief adjustments of accessories are necessary for the next step on your job. Increased working surface; from blade to front of table; tilting arbor provides an always-level working surface; all hand-wheel controls are conveniently located. Precision-built . . . meets rigid industrial shop requirements.

Massive, extra heavy duty construction! Extraordinary accuracy! More rigid saw base and stronger motor support, with pivot arm for smoother operation. Tension device between motor mounting plate and support reduces transmission of vibration and jumping of motor.

Table never tilts . . . work always lies flat! No more holding lumber at an awkward, uncomfortable angle. Motor, blade and arbor tilt together as a unit, any angle up to 45 degrees; belt never twists. Blade raises and lowers to vary depth of cut from 0 to 3⅜ inches.

Sealed precision ball bearings, lubricated for life! Extra-large 27x20-in. heavy cast semi-steel table; precision ground; grooved on both sides of blade. Working area in front of blade 13¼-in. Rip fence usable on either side of blade clear to table edge. Single control lever locks fence at BOTH ends (NOT just in front). 10-in. combination rip and crosscut blade (⅝-in. bore) gives full 3⅜-in. depth of cut. See specification table at right. Blade, miter gauge, stop rods, rip fence, machine and motor pulleys and V-belt included. Guard assembly not included (see 9 A 2791 at bottom of page). Powr-Panl not included.

99 AM 2752—Without guard assembly, motor, side extensions, or bench. Shipping weight 157 pounds. . **$101.00**

99 AM 2753—With CRAFTSMAN ¾-H.P. 3450 R.P.M. ball-bearing capacitor motor (for 110-120-volt, 60-cycle A.C.). Shipping weight 201 pounds. **$140.00**

99 AM 2754—With CRAFTSMAN 1-H.P. 3450 R.P.M. ball bearing capacitor motor (for 115-230-volt, 60-cycle A.C. Shipping weight 207 pounds. **$149.50**

99 A 02769—**Side Table Extension.** For above. (2 shown on saw). Use on either side of table. Cast semi-steel; grid type. Widens table 10 in. With bolts and rip fence rack extension. Size 27x10 in. Wt. 20 lbs. . . . . Each **$10.75**

99 A 02140K—**Power Tool Bench.** (Described on page 57.) 18 in. long. Height adjustable. With 2 cross slide-rails. Shipping weight 23 pounds. **$10.95**

9 A 2120—**CRAFTSMAN Powr-Panl.** A safe, convenient way to hook up motor, or motor and tool light. See page 57 for complete description. Shpg. wt. 1 lb. **$3.95**

SPECIFICATIONS

- Depth of cut, maximum . . . . . 3⅜ inches
- Type of blade . . . . . Combination
- Blade size . . . . . 10-inch diameter; ⅝-inch bore
- Table size . . . . . 27 inches long; 20 inches wide
- Table height . . . . . 12 13/16 inches
- Table tilt (maximum) . . . . 45 degrees
- Length of fence . . . . . 32¾ inches
- Base size . . . . . 14¾ inches wide; 16 37/64 inches long
- Dado capacity (using 6-in. dado saw):
  width . . . . . 13/16 inches
  depth . . . . . 1⅜ inches
- Bearings . . . . . 2 sets sealed, lubricated for life
- Blade speed . . . . . 9000 peripheral feet per minute (approx.)
- Arbor speed recommended 3450 R.P.M.
- Motor recommended (minimum) . . . . ¾-H.P. 3450 R.P.M.
- Machine pulley (included) . . 7½ inches
- Motor pulley (included) . . . . 2½ inches
- V-belt (included) . . . . . 43 inches long; ½ inch wide
- Mounting dimensions (hole centers) . . . . . 11¾ x 13 7/16 in.
- Over-all dimensions. Height 18½ inches; width 21½ inches; length 33¾ inches

CRAFTSMAN "100" Saw Accessories
REG. U. S. PAT. OFF.

Dado Insert. For use on CRAFTSMAN Model "100" 10-inch Tilting Arbor Bench Saw when doing dado work. Constructed of tough, long-life steel. Will accommodate dadoes up to 6 in.
9 A 2212—Shipping weight 8 ounces. Ea. **90c**

Saw Guard Assembly. For use on CRAFTSMAN "100." Automatic leveling guard tilts with blade; transparent plastic insert. Complete with guard, splitter, bracket, non-kickback pawls.
9 A 2791—Shipping weight 6 pounds **$9.50**

More features than any other 8-in. Bench Saw we know of in this price range!

Do all this—and much more—with this great CRAFTSMAN *Bench Saw*

CRAFTSMAN "80" 8-in. Tilting-Arbor Bench Saw

REG. U.S. PAT. OFF.

"Floating-Drive" and "Mono-Control" blade adjustment

More for your Money!

A CRAFTSMAN 4-STAR Feature because it has been laboratory approved and compared in price and quality with other leading brands. We are convinced there's no finer value in America for performance and economy. The ONLY bench saw in this price range with ALL these features. .

- Floating motor mount eliminates need for special motor; controls belt tension.
- ONE wheel controls BOTH the angle and the depth of the cut.
- Special high-speed tilting adjustment.
- Special high-speed depth adjustment.
- Automatically maintains correct tilt and depth.
- ONE lever locks fence at BOTH the front and the back.
- Fence squares directly against table instead of guide bar, for perfect alignment.
- Double-row sealed precision ball bearings lubricated for life.
- Larger table area than any other saw we know of in this price range.

Never in the history of the industry has there been an 8-in. bench saw in this price range to match this superb CRAFTSMAN saw in quality, features, accuracy, and size! Massive, heavy duty construction throughout. Easily meets the most rigid requirements of professional craftsman and large industrial shops. Extremely accurate in operation. Has features and operating advantages you'll find in no other bench saw!

New-type motor mount. Motor is mounted in a special support on the bench behind the saw. This stops transmission of motor vibration to the saw by eliminating any mechanical connection. Makes it easier to tilt blade because motor is not lifted, but is moved horizontally. Eliminates need for a special motor.

Big 20x17-inch table of heavy cast semi-steel. Precision-ground surface . . . all sides completely machined. Table has replaceable insert for dadoing, sanding, or grinding. Grooved on both sides of blade for use of miter gauge.

Many other quality features. Special mechanical arrangement tilts the arbor more rapidly than on ordinary tilting-arbor saws, without any loss of accuracy. Automatic-leveling guard tilts with saw blade; has non-kickback pawls and splitter. Entire guard assembly can be quickly and easily removed. One end of the miter protractor has been beveled for use over full length of table when saw blade is tilted to 45 degrees. Fence is made of tempered aluminum; carefully ground for trueness. Depth-of-cut and angle-of-tilt gauges easily read from normal operating position. 2-in. machine pulley, 2½-in. motor pulley and ⅜x40-in. V-belt are included.

SPECIFICATIONS: 2½-in. max. depth of cut; Dado capacity (max., with 6-in. head)—width 13/16-in., depth 1½-in.; Combination-type blade, 8-in. diam. and ⅝-in. bore; Double-row precision ball bearings; Recommended arbor speed (about) 4500 RPM; Motor recommended (minimum)—½-H.P. 3450 RPM; Mounting dimensions (bolt holes)—11 13/16x11 13/16 in., (extremes of saw and motor brackets)—19 21/32x15 21/32 in.; Overall dimensions—height 14⅞ in., width 17 in., length 26 5/16 in.

99 A 02216L—Without guard assembly (see bottom of page), motor, table extensions, stand (see below). Wt. 65 lbs. . . **$63.00**

99 AM 2217—With CRAFTSMAN ½-H.P. 3450 R.P.M. ball bearing capacitor motor. (110–120-volt, 60-cycle A.C.) Shipping weight 97 pounds **$95.00**

99 AM 2218—With CRAFTSMAN ¾-H.P. 3450 R.P.M. ball bearing capacitor motor. (110–120-volt, 60-cycle A.C.) Overload prevents burnout. Shipping wt. 103 lbs. . . **$102.00**

99 A 02956L—NEW! CRAFTSMAN Tool Stand. (Shown with saw.) Base size: 16⅝ in. wide, 21⅝ in. long, 5 3/16 in. high. Column size: 3½ in. diameter, 21 in. long. Machinery gray finish. Shipping weight 60 pounds **$26.50**

99 A 02417—Side Table Extension. (2 shown on saw.) For either side. Grid-type; semi-steel. 8½ in. wide. With bolts, fence rack extensions. Shpg. wt. 13 lbs. . . . . Each **$7.95**

9 A 2356—Front or Rear Table Extension. (Not shown.) Roller type. With bolts. Shpg. wt. 7 lbs. **4.75**

9 A 2819—4 Casters for above stand; with Allen wrench. Shipping weight 2 pounds **3.25**

CRAFTSMAN "80" Saw Accessories

REG. U.S. PAT. OFF.

Saw Guard Assembly. For use on the CRAFTSMAN "80" 8-inch Tilting Arbor Bench Saw. Complete with guard, splitter, and non-kickback pawls. Shipping weight 2 pounds.
9 A 2774 . . . . . Only **$3.50**

Dado Insert. For use on the CRAFTSMAN model "80" 8-inch Tilting Arbor Bench Saw when doing dado work. Constructed of tough, long-life steel. Shipping weight 12 ounces.
9 A 2405 . . . . . Only **$1.25**

CRAFTSMAN 8-inch Tilting-Arbor Bench Saw

REG. U. S. PAT. OFF.

Fully Equipped with Large 17x14-inch Table

Tilting, raising and lowering of blade are all controlled by two convenient hand wheels

Blade and guard (NOT table and work) tilt any angle up to 45°, making work faster, easier

Double Row Heat-treated, precision ground ball bearings . . NEVER need lubrication

"Floating motor mount" automatically controls belt tension, gives smoother operation

Fence control squares against front of table . . single lever locks at BOTH ends of table

A sensational value for an 8-inch tilting arbor bench saw . . . one of our finest offerings! New methods of manufacture make possible this amazing price. IMPORTANT—don't confuse this great tool with other tilting-arbor saws selling in this price range. Its rugged quality and exceptional accuracy in operation are almost unbelievable!

Floating drive motor mounting supports motor on a special mount on bench behind saw . . . smothers vibration . . . permits easier tilting . . . eliminates need for special motor. (Just slip the belt off, pick up the motor, and use it on other power tools with our regular motor rail clips.)

Super-lubricated sealed precision ball bearings have larger oil chamber than are usually used—NEVER need further lubrication. These double-row ball bearings form integral unit with arbor shaft and prevent misalignment.

Greatly improved fence design. ONE lever locks fence at BOTH front and back. Fence squares directly against front of table instead of usual guide bar, for accuracy. Can be used on either side of blade.

17x14-inch table of cast semi-steel has top AND sides machined. Blade and arbor tilt together to any angle up to 45°; raises and lowers to vary depth of cut.

Not a stripped model—complete with blade, guard, splitter, miter gauge, fence and machine pulley. (Use minimum of ½-H.P. motor; 3450 R.P.M. with 2½ inch pulley and 40-in. belt; or 1750 R.P.M. with 5 in. pulley and 44-in. belt.)

SPECIFICATIONS:

- Depth of cut (maximum) . . . . . 2¾ inches
- Blade . . . . . 8-inch combination-type with ½-inch bore
- Table size . . . . . 17x14 inches
- Dado capacity (maximum) with 6-inch head; width 13/16 inch; depth 1¼ inch.
- Bearings . . . . . Prelubricated, sealed for life; double-row precision ball
- Recommended arbor speed (approximate) . . . . . 4500 R.P.M.
- Motor recommended (minimum) . . . . . ½-H.P.; 3450 R.P.M. or 1750 R.P.M.
- Machine pulley (included) . . . . . 2-in.
- Motor pulley (not included) . . . . 2½-in. for 3450 R.P.M.; 5-in. for 1750 R.P.M.

99 A 024241—Without motor, extensions, bench, Powr-Panl. Shpg. wt. 48 lbs. . **$43.50**

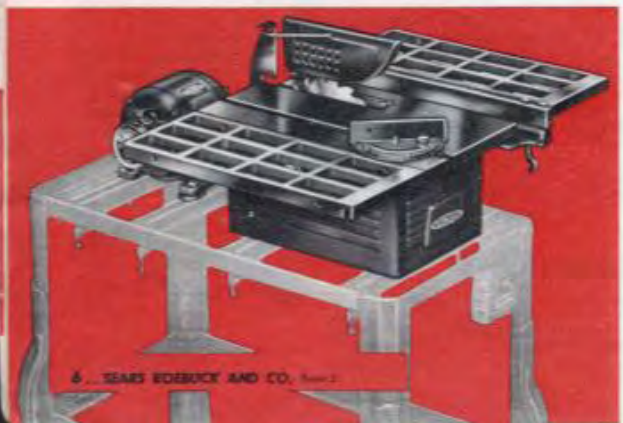
99 A M2426—With ½-H.P. 3450 R.P.M. ball-bearing capacitor motor (110-120-volt 60-cycle A.C.), 2½-in. motor pulley, 40-in. belt. Shpg. wt. 86 lbs. **$75.50**

99 A 02723—**Side Table Extension.** (2 shown on saw.) For either side. Semi-steel 7 inches wide. With bolts and fence extension. Shpg. wt. 10 lbs. . . . . Each **$6.75**

9 A 2722—**Steel Dado Insert.** Shipping weight 7 ounces **1.00**

99 A 02134K—**Adjustable Steel Power Tool Bench.** Height adjustable 22 to 32 in. 30 in. long; 16¼ in. wide. With 4 slide-rail supports. Gray enameled. Wt. 30 lbs. . . . **$12.50**

9 A 2926—**Circular Saw Instruction Book.** Shpg. wt. 2 oz. **25c**



Our Lowest Priced 8-inch DUNLAP Bench Saw

REG. U. S. PAT. OFF.

$28.95 CASH
with extensions
Less motor $3.00 DOWN

Massive 17x27¼-in. table area (with side extensions . . included). Smooth ground cast iron table. Porous bronze bearings; oil well between spindle bearings. Carriage mounted on underside of table. 1 hand-wheel raises, lowers, locks 8-in. plain tooth combination rip and crosscut blade. 8⅝-in. clearance in front of blade. Miter gauge and self-aligning rip fence may be used either side. Insert removable for dadoing. Neither table nor arbor tilts. Heavy stamped steel base. With side extensions, miter gauge, rip fence, blade and instructions.

SPECIFICATIONS: Depth of cut (maximum) 2⅝-in.; Blade 8-in. plain tooth combination with ½-in. bore; Table size (with extensions) 17x27¼-in.; Base size 13x9⅝-in.; Dado capacity (max.) with 6-in. head: width 13/16 in., depth 1⅛-in.; Bearings, self-lubricating porous bronze. Recommended arbor speed (approx.) 4600 R.P.M.; Motor recommended (minimum) ½-H.P. 1750 R.P.M. Recommended for light work; Machine pulley (included) 1½-in.; Motor pulley (not included) 4-in.; Overall dimensions: 12⅝-in. high, 27¼-in. wide, 20⅝-in. long.

99 A M2476—Saw above with side extensions. Without motor, bench, motor pulley, floating rail, powr-Panl or V-belt. Shipping weight 54 pounds **$28.95**

99 A M2477—With DUNLAP ½-H.P. 1750 R.P.M. split phase motor. 110-120-volt, 60-cycle A.C. 4-in. pulley, V-belt. Shipping weight 82 pounds **$44.50**

99 A M2479—With CRAFTSMAN ½-H.P. 1750 R.P.M. ball-bearing capacitor motor. 110-120-volt. 60-cycle A.C. 4-in. pulley, V-belt. Shipping weight 90 pounds **$57.50**

9 A 2275—Floating Motor Rails. Use one motor for several tools. Shpg. wt. 1 lb. 13 oz. **1.10**

9 A 2495—Guard Assembly for above Saw. Shipping weight 1 pound 6 ounces **1.55**

Double Utility Double Economy

CRAFTSMAN Bench Saw, Jointer-Planer Combination

REG. U.S. PAT. OFF.

8-inch Tilting Arbor Saw and 4⅜-inch Jointer-Planer

Side Table Extension

For Bench Saw. (One shown on saw.) Increases your table area by 170 square inches! Allows you to handle larger boards . . with greater safety. Heavy duty cast semi-steel; grid-type construction. Top smoothed so that work slides easily. They're easy to install, too! Complete with necessary bolts and fence rack extensions. Size 8½-inches wide; 20-inches long. Fits bench saw 99 AM 2216 on page 5. Shipping weight 13 pounds.

99 A 02417 . . . . . Each **$7.95**

CRAFTSMAN Wheel Set

For Power Tool Bench . . permits easy moving of bench. Fit on two legs. You simply lift one end and roll bench . . works on same principle as wheel barrow. No straining; weight is evenly distributed on two wheels. Heavy plate frame. Hard rubber wheels resist grease and oils. Shipping weight 2 lbs. 4 oz.

9 A 2244 . . . . . Set of 2 **$1.95**

DOUBLE UTILITY . . Imagine the convenience! You can saw, plane and joint almost without moving your position. It's an easy operation with this combination!

WE BELIEVE THIS IS THE MOST OUTSTANDING COMBINATION POWER TOOL WE HAVE EVER OFFERED! It saves you time and money. First of all you make all saw cuts with the lumber in a level position, AND then you plane and joint without moving to another bench . . almost without changing your body position. No need for you to buy another motor, no need to buy another bench. You actually save money TWICE!

CRAFTSMAN 8-inch Tilting-Arbor Bench Saw. Same saw as on page 5. With miter gauge, fence, machine pulley, motor pulley, belt with "Floating. Drive." ONE wheel controls BOTH angle and depth of cut. Massive 20x17-inch table of cast semi-steel. Precision ground table top, sides machined for greater accuracy. Grooved on both sides of blade for miter gauge. 9½-inches in front of blade at full depth of cut. You can use fence on either side of blade. DOUBLE row of precision ball-bearings NEVER need lubrication. 8-inch combination blade (½-inch bore) gives up to 2½ inches depth of cut. Arbor tilts any angle to 45°.

CRAFTSMAN 4⅜-inch Jointer-Planer. Same planer as 99AM2334 on page 16. Rugged construction throughout. Solid steel cutter head has three 4¾-inch high speed steel knives. Massive cast semi-steel base extends full length of tables. Over-all length 29 7/16 inches. Precision ground tables. Maximum depth of cut ⅜-inch; rabbet depth of cut ⅜-inch. Fence tilts up to 45° in either direction. 2-in. pulley supplied.

DOUBLE ECONOMY . . You actually save TWICE. No extra motor or bench to buy. These rugged tools are mounted on the same bench, powered by one motor.

Also included: (1) CRAFTSMAN ½-H.P. or ¾-H.P. Capacitor 3450 R.P.M. motor, 110–120-volt, 60-cycle A.C. (motor guaranteed 1 year). (2) Steel Power Tool Bench 30 inches long, 16¾ inches wide. Adjustable from 22 to 32 inches. (3) Jack Shaft Kit. Includes: shafting, pulley, belts, shaft hangers and attachment plates. (4) Set of easy-rolling bench wheels. (5) CRAFTSMAN Power-Pack.

Bench Saw Specifications: 2½-in. maximum depth of cut; Dado capacity (maximum, with 6-in. head)—width 13/16-in., depth 1½-in.; 8-in. diameter combination blade (½-in. bore); Double row ball bearings; Recommended arbor speed (approx.) 4500 R.P.M.; Motor recommended (minimum) ½-H.P. 3450 R.P.M.

Jointer-Planer Specifications: 4⅜-in. width of cut; Depth of cut ⅜-in.; Rabbet depth ⅜-in.; Fence length 19¾ in.; Spindle diameter ⅝-in.; Front table size 11 5/16x6⅝-in.; Rear table size 11¾x6⅝-in.; Two sets sealed precision ball bearings; Recommended arbor speed approximately 4500 R.P.M.; Motor recommended (minimum) ½-H.P. 1750 R.P.M. 2-in. machine pulley included.

99 A M1317—Complete outfit with ½-H.P. motor. Shipping weight 216 pounds **$186.00**

99 A M1319—Complete outfit with ¾-H.P. motor. Shipping weight 224 pounds **193.00**

99 A 02749K—Jack Shaft Kit only. For Bench Saw and Jointer-Planer Combination. Shpg. wt. 22 lbs. . . . **$19.50**

See Inside Back Cover for Complete Details on Sears Easy Terms

Amazingly Versatile!

Get a Complete Saw Shop in ONE Easy-to-handle, Space-saving Saw

It dadoes, rabbets and V-grooves accurately

It tenons and grooves (tongue and groove)

It shapes evenly with Molding Cutter Head

It shapes with Shaper Cutters . . quick and sure

It routs with left-hand Bits . . cuts patterns of all kinds

It smoothly drum sands irregular-shaped work

CRAFTSMAN

REG. U.S. PAT. OFF.

Radial Saws

CRAFTSMAN "INDUSTRIAL"

These tools are designed and built for production work in industry—with specifications to meet the demands of factories and shops.

10-inch
$340.00 CASH
Without legs or lower shelf
$34.00 Down . . on Terms $21 Monthly

12-inch
$395.00 CASH
Without legs or lower shelf
$39.50 Down . . on Terms $22 monthly

It's a Woodworking Wonder! Neither band saw, bench saw, nor swing saw can do as many jobs or move as easily to so many positions. It makes every cut shown above—PLUS crosscuts, bevel cuts, miters, compound miters, and ploughs. You'll find the CRAFTSMAN Radial Saw quick to adjust to any position—and a pleasure to handle when in place. It is truly a **precision** power tool! Cutting is done through the top of the work; you can see exactly where the blade enters wood.

You'll like CRAFTSMAN's large, 15x42-inch table, too. It enables you to handle longer, wider lumber—speeds up production. And remember! The CRAFTSMAN Radial Saw is capable of doing the tasks of several saws. But it occupies the floor space of only one! If you're production-conscious, you'll welcome CRAFTSMAN's near-perfect accuracy and swift-cutting power. If you're budget-conscious, you'll appreciate the way each CRAFTSMAN feature stretches your overhead dollar. And the way profits increase accordingly!

Saw pulls through work; swings, tilts, locks in any position; has quick-setting stops for 0, 45 and 90°. Automatic front-pivoted guard encloses blade edge for safety. Anti-kickback pawls. 15x42-in. wood work table with removable fence; 28x36-in. stamped steel base. (Steel legs and lower shelf not included.) **Shipping note:** shipped from factory in Cincinnati, Ohio from where you pay transportation on delivery. Order yours today.

CRAFTSMAN 10-inch RADIAL SAW

99 A M2361F—With 10-in. carbide tipped 8-tooth combination blade (1-in. bore); 1-H.P. 3450 R.P.M. single-phase, capacitor motor (115–230 volt 60-cycle A.C.). Shipping weight 350 pounds **$340.00**

99 A M2159F—Set of 4 steel legs and lower shelf for above radial saw. (See shipping note above.) Shipping weight 50 pounds **$25.00**

9 A 4943—Extra Carbide-tipped Blade for above. 1-in. bore. *State 10-in. blade diameter.* Shipping weight 2 pounds 8 ounces **10.95**

SPECIFICATIONS:

- Depth of cut, maximum ..... 2½ inches
- Crosscut capacity, maximum ..... 12½x2½-in. stock
- Ripping width, maximum ..... 24¾x2½ inches
- Arbor tilt, maximum ..... 90° right
- Angle of cut range ..... 0 to 90° right or left
- Maximum width and depth of 45° compound miter cut, (motor turned and tilted to 45°) ..... 8½x1½ in.
- Maximum width and depth of miter cut (motor turned to 45°) . . 9¾x2½ inches
- Dado capacity with 8-inch diam. x 1-in. bore dado saw . . width 1 in. . . depth 1½ in.
- Table size 15x42 in. ..... Base size 28x36 in.
- Table height ..... without legs 7½ inches; with legs 36 inches.
- Length of fence ..... 42 in.; length of stroke ..... 16 inches.
- Column diameter, vertical ..... 3 in.; horizontal, 2½ in.
- Bearings, arbor ..... 2 sets sealed precision ball bearings.
- Arbor speed (approximate) ..... 3450 R.P.M
- Motor . . 1-H.P. 3450 R.P.M., single phase, capacitor; 115–230 volt, 60 cycle A.C.
- Over-all dimensions (saw only) ..... Height 33½ in.; depth 28 in.; width 42 in.

CRAFTSMAN 12-inch RADIAL SAW

99 A M2360F—With 12-in. carbide tipped 12-tooth combination blade (1 inch bore); 2 H.P. 3450 R.P.M. single phase capacitor motor (220–440 volt, 60 cycle AC) Lead wires terminal switch box mounted on saw base. Wt. 370 lbs. . . . **$395.00**

99 A M2159F—Set of 4 steel legs and lower shelf for above radial saw. (See shipping note above.) Shipping weight 50 lbs. **25.00**

9 A 4943—Extra Carbide-tipped Blade for above. 1-in. bore. *State 12-in. blade diameter.* Shipping weight 4 pounds 8 ounces **17.50**

SPECIFICATIONS:

- Depth of cut, maximum ..... 3½ inches
- Crosscut capacity, maximum ..... 13x3½ in. stock
- Ripping width, maximum ..... 24¾x3½ inches
- Arbor tilt, maximum ..... 90° right
- Angle of cut range ..... 0 to 90° right or left
- Maximum width and depth of 45° compound miter cut, (motor turned and tilted to 45° ..... 6½x2¾ in.
- Maximum width and depth of miter cut (motor turned to 45°) . . . 13x3¾ in.
- Dado capacity with 8-inch diam. x 1-in. bore dado saw . . width 1 in. . . depth 1½ in.
- Table size 15x42 in. ..... Base size 28x36 in.
- Table height ..... without legs 7½ inches; with legs 36 inches.
- Length of fence ..... 42 in.; length of stroke ..... 16 inches.
- Column diameter, vertical ..... 3 in.; horizontal, 3 in.
- Bearings, arbor ..... 2 sets sealed precision ball bearings.
- Arbor speed (approximate) ..... 3450 R.P.M.
- Motor . . . . 2-H.P., 3450 R.P.M., single phase, capacitor; 220–440-volt, 60 cycle A.C.
- Over-all dimensions (saw only) ..... Height 33½ in.; depth 28 in.; width 42 in.

Accessories for your CRAFTSMAN Radial Saw

All Accessories listed below fit 10 and 12-inch saws

A **9 A 1576F—Adapter.** For dado saws, groovers, shaper cutter head, shaper cutters, sanding disc. ½-inch spindle; ½-20 left-hand thread. Also fits accessories with ½-inch plain bore. Shipping weight 4 pounds. (See shipping note above.) **$10.70**

B **9 A 1577F—Adapter for Router Bits.** Also fits accessories with ¼-inch shank. Shipping weight 2 lbs. (See shipping note above.) **$5.60**

C **9 A 1579F—Collars fit Radial Saw Adapter.** ½-in. bore x 2-in. outside diameter; 5/16-in. thick. Shpg. wt. 8 oz. (See shipping note above.) . . **Set of 2 $3.00**

D **9 A 1578F—Spacers for Radial Saw Adapter.** 1-inch bore; 3-inch outside diameter. Available in 1/16, ⅛, ¼, ⅜ and ½ inch thick. *State thickness wanted.* Shipping weight 1 lb. (See shipping note above.) ..... Each **$2.00**

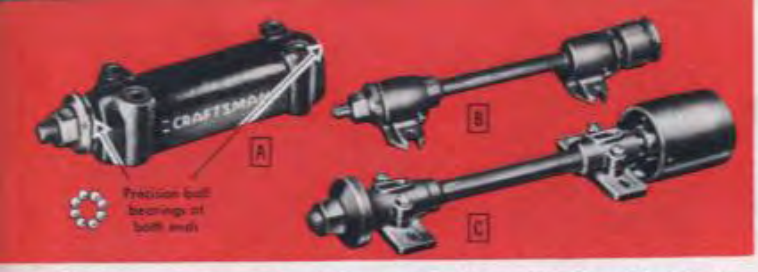
E **9 A 1580F—Left-hand Router Bits.** Sizes: ¼, ¼, ⅜, ½, ⅝ and ¾ in. diameter. *State diameter wanted.* Shpg. wt. 3 oz. (See shipping note above.) ..... Each **$3.90**

10-in. radial Saw Blades. *See page 11 for 12-in. blades. Specify 1-in. arbor.* (All radial saw blades described on page 11.)

9 A 4937—10-in. Flat Ground Combination Blade. 1-in. bore. Shpg. wt. 1 lb. 12 oz. **$2.98**

9 A 4939—10-in. Hollow Ground Combination Blade. 1-in. bore. Shpg. wt. 1 lb. 10 oz. **7.25**

Sears Easy Terms make it easy to equip an entire workshop. See inside back cover for details



Make your own Bench Saw with CRAFTSMAN Saw Mandrels

A **CRAFTSMAN ball bearing Saw Mandrels.** For building a saw table, a grinder, or use as a jack shaft, etc. Designed for easy, accurate mounting. Cast iron housing . . designed to bring shaft close under top of table. Oversize precision ball bearings; grease sealed. Right hand thread only.

9 A 4948—Size 00. ⅝-in. shaft turned down to ⅜-in. at ends. Threaded ½x20. Length 9 13/32-in. Shipping wt. 3 lbs. 8 oz. **$6.25**

9 A 4949—Size 0. ⅝-in. straight shaft. Threaded ⅝x18. Length 11¼-in. Shpg. wt. 4 lbs. **$6.75**

B **Bronze Bearing Mandrels.** Right hand threads only. 2-inch double V-pulley for flat belt, single or multiple V-belt drive. Steel shaft; stamped steel flanges. Set collar takes up end play. Oil plugs. 14 inches long overall.

9 A 4946—*Be sure to state size wanted when ordering.*

Size 00. ⅝-in. shaft; turned to ⅜-inch at ends. Threaded ½x13. Shpg. wt. 5 lbs. 5 oz. **$4.60**

Size 0. ⅝-in. shaft. Threaded ⅝x11 at ends. Shipping weight 6 lbs. **$4.95**

C **Heavy Duty Saw Mandrels.** Precision built! Babbitted bearings. Machined steel collars. Cold rolled steel shaft. Set collar. With bolts. Size 00 has single V-pulley only. Order by catalog number and *state size wanted.*

Size	Pulley diameter and face	Shaft size inches	Shaft size at end inches	Shipping wt.	99 A 04947L Left hand threads	99 A 04937L Right hand threads
00	2 x2 in.	16 x ⅝	. . ½ . .	7 lbs.	. . $3.65	. . $3.65
0	2 x3 in.	16½ x ⅝	. . ⅝ . .	15 lbs.	. . 5.25	. . 5.25
1	2½x3½ in.	16½x1 1/16	. . 1 . .	20 lbs.	. . 6.95	. . 6.95
3	3½x4½ in.	21½x1 3/16	. . 1¼ . .	30 lbs.	. . 9.25	. . 9.25
6	5 x6 in.	28½x1 3/16	. . 1⅜ . .	40 lbs.	. . 14.50	. . 14.50
8	6 x7 in.	32½x1 9/16	. . 1½ . .	60 lbs.	. . 18.95	. . 18.95

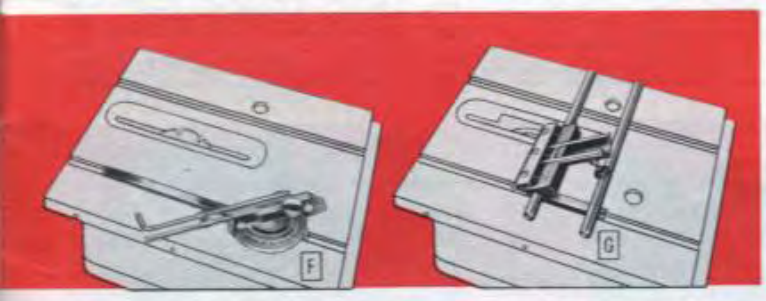
CRAFTSMAN Bench Saw Accessories

D **CRAFTSMAN Heavy Duty 8-inch Dado Set.** Make your radial saw, or bench saw much more useful. Made from special analysis saw steel accurately controlled through all phases of production. For dadoing, grooving, rabbeting, etc. Sizes to fit saws with 1-inch, ¾-inch, and ⅝-inch arbors. Each set includes two outside saws (each cuts ⅛-inch groove), six ⅛-inch inside cutters, and paper washers for 1/16-in. width adjustments. *Please state arbor size wanted:* 1-inch or ¾-inch. (¾-inch size includes bushing to fit ⅝-inch arbor). Remember when you buy CRAFTSMAN you buy the best professional quality. Order today!

9 A 4870—Shpg. wt. 6 lbs. 8 oz. **$14.95**

E **NEW!** The most outstanding miter gauge we have ever offered. Has exclusive features found on no other bench saw miter gauge. Heavy die cast construction. Self-indexing type . . has special "hypodermic" type grip used to control indexing plunger which automatically disengages before next setting is made. Indexing stops are adjustable to 90° and 45° in both directions. Reversible . . can be used on either side of the blade. Exclusive grooved face holds work firmly in place. Adjustable stop rods available . . providing quick means of making pieces the same length when making repetitive cuts. (See 9A2125 below.) Fits 99AM2727, 99AM2752, and 99A02216L CRAFTSMAN bench saws.

9 A 2720—Shpg. wt. 5 lbs. 3 oz. **$8.25**



CRAFTSMAN Miter Gauge . . Blade Sharpener

F One of your most useful bench saw attachments. Use your miter gauge not only for making miter cuts, but also when crosscutting, and taper ripping. Miter gauge used with easily made extension improves use as support or helps eliminate blade creep when greater accuracy is desired in miter cuts. Scaled from 30 to 90°. ¾-in. wide x ⅝-in. thick x 15 5/16-in. long bar fits in miter groove in table top. Heavy duty . . knurled knob locks gauge in place. Accurate within 1° if used with miter gauge clamp. Order adjustable stops rods for repetitive cuts.

9 A 2246—Shpg. wt. 4 lbs. 4 oz. **$5.75**

9 A 2125—Miter Gauge Stop Rods. Set of 2. Shipping weight 12 oz. **$1.05**

G Now! Here's how you can swiftly and easily sharpen straight edge blades in your own workshop. New blade sharpener attachment for use on bench saws with miter grooves ⅝ or ¾ inch wide, measuring no more than 5 inches from face of blade back-up collar to center of left hand miter slot. The perfect instrument for quickly sharpening jointer-planers, wood chisels, planes and other straight edge cutting blades. Engineered to sharpen bevel faces, 25 to 40° angle, with precision hollow grinding. Strong, long-life construction! Rugged cast iron holder; sturdy steel guide bars. Use with 9A6412 CRAFTSMAN grinding wheel (6x½-in.) on page 46. Shpg. wt. 7 lbs. 4 oz.

9 A 2658 . . . . . **$7.75**

CRAFTSMAN Swing Saw

REG. U.S. PAT. OFF.

If your schedule is heavy and your budget can stand a boost . . You need this time and dollar saver

Fast, free operation with no wasted motion . . pull saw through lumber . . weight of swing arm returns blade. Rips, crosscuts, dadoes, miters, etc. Ideal for millwork plants, shipping rooms, etc. For heavy duty work.

Swivels from 0 to 90° right or left; gives vertical cut by degrees. Cast-iron base and elevating arm; steel column. Pin locks swing arm in vertical position for ripping or dado work. Another pin locks at 0°, 45°, or 90° for miter cuts. Extra safe! Adjustable blade guard, belt guard. Portable! Can be partially disassembled quickly for transporting. Equipped with 10-in. V-tooth crosscut blade, ¾-inch bore; 3-in. diameter ⅜-in. bore machine and motor pulleys; ⅝x38-in. V-belt.

99 A M2545—Without motor. Shipping weight 203 pounds. **$106.00**

99 A M2547—With ¾-H.P. 3450 R.P.M. 110–120 volt, 60-cycle A.C. capacitor motor. Shipping weight 247 pounds. **$145.00**

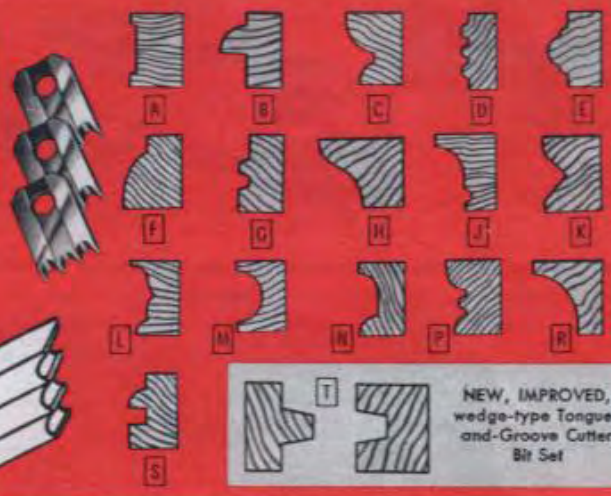
99 A M2548—With 1-H.P. 3450 R.P.M. 115–230 volt, 60-cycle A.C. capacitor motor. Shipping weight 253 pounds. **$154.50**

9 A 4951—CRAFTSMAN V-tooth Crosscut Saw Blade. Specify 10-in. diameter, ¾–⅝-inch arbor hole. Shipping weight 1 lb. 12 oz. **$2.98**

SPECIFICATIONS:

- Depth of cut (maximum) . . . . . with 10-in. blade, 3 in.;
- Crosscut width (maximum) . . . . . with 10-in. blade, 16 in.;
- Ripping width (maximum) . . . . . with table fence 11 7/16 in.; without fence 13½ in.
- Angle of cut range . . . . . 90° right, to 90° left, in 1° graduations.
- Miter cut (maximum) . . . . . with 10-inch blade, 3x8¾-inch.
- Width of miter cut (maximum) . . . . . at 60°, 14⅛ in.; at 45°, 11½ in. at 22½°, 6¾ in.
- Dado capacity with 6-inch dado saw . . . . . width, 1 inch; depth, 1 inch.
- Table size . . . . . 11⅞x24 inches.
- Base size . . . . . 24x18½ inches.
- Column diameter . . . . . 2¾ inches.
- V-Tooth Crosscut blade included . . . . diameter 10 inches; bore ¾ inches.
- Bearings, arbor . . . . . two sets sealed, precision ball bearings.
- Arbor speed recommended (approximate) . . . . . 3450 R.P.M.
- Motor recommended (minimum) . . . . . ¾-H.P. 3450 R.P.M.
- Machine pulley (included) . . . . . 3-inch diameter; ⅝-inch bore.
- Motor pulley (included) . . . . . 3-inch diameter; ⅝-inch bore.
- V-belt (included) . . . . . ⅝x38 inches.
- Over-all dimensions . . . . . Height 41¾ in.; depth 26½ in.; width 24 in.

In sturdy plastic case with handy grooved slots for bits

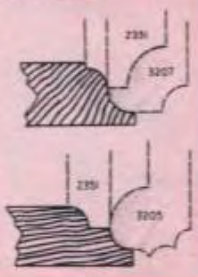


NEW, IMPROVED, wedge-type Tongue-and-Groove Cutter Bit Set

Number of Designs Unlimited

You can cut an almost unlimited number of styles and designs with CRAFTSMAN Molding Cutter Head and cutter bits above. You can plane, joint, cut picture frames, building trim, etc. Diagrams above show full cut produced by each cutter edge. Many additional designs can be made by using part of cutter edge, or by combining cuts of two or more bits. (See examples at right.) Cuts can be planned to overlap, to just meet, to be separated by uncut wood, or to be repeated a number of times. Plan cuts with paper cut in the shape of cutter edge.

With proper bits, this molding head will cut building trim, table edges, drop leaf tables, tongue and groove flooring, drawer parts, and many other designs. Instruction book included shows examples.



CRAFTSMAN Molding Cutter Head . . Cutter Bit Sets

REG. U.S. PAT. OFF.

Convert your Bench Saw to a Jointer, Planer and Shaper

- NEW Positive-grip safety lock aligns bits accurately, securely; easy to replace bits
- Fits most bench saws with ½, ⅝, or ¾-in. arbors, fits most dado inserts.
- Made of special analysis steel, balanced for greater safety, heat treated and tempered.

Compare these outstanding features with any other molding cutter head and we know you'll agree there is none finer.

The most versatile attachment we've seen. Saves lumber costs . . saves time. Make your own moldings, building trim, etc. It's EASY with your bench saw and this CRAFTSMAN Molding Cutter Head. It's almost unbelievable how many styles and designs you can cut (see above). You are actually limited only by your imagination! With wrench, spacer washer, bushings and instruction manual showing how to plan designs. In plastic box with slots for six sets of bits.

9 A 3200—Cutter head only. Shpg. wt. 1 lb. 8 oz. $4.95

INDIVIDUAL CRAFTSMAN CUTTER BIT SETS for use in above Molding Cutter Head; also our former Nos. 2284 and 2289. Special heat treated tool steel; 1 in. wide. Vertical slot on back of blade assures positive alignment in molding head. Each set contains 3 bits except 9A2303 (tongue-and-groove) which has six. Illustrations above show full cut made by each cutter. *Order by catalog numbers, as listed below.* Shpg. wt. each set 3 oz. (except 9 A 2303).

[A] 9A2302—1-inch Planer and Jointer. $2.50
[B] 9A2350—Cabinet Door Lip Cutter.... 2.50
[C] 9A2351—¼ and ½-inch Round Cutter 2.50
[D] 9A2352—3-Bead (¼-inch) Cutter... 2.50
[E] 9A2354—Cloverleaf-Screen Mold Cutter 2.50
[F] 9A2355—Base Molding Cutter..... 2.50
[G] 9A2301—Glue Joint Cutter 2.50
[H] 9A2302—"Ogee" Window and Door Stop Cutter 2.50
[J] 9A2303—¼-inch Flute and ½-inch Cove Cutter 2.50
[K] 9A2304—90° Flute Ornamental and Combination Cutter 2.50
[L] 9A3205—Curved Flute, (3/16-inch) Quarter Round Cutter $2.50
[M] 9A3206—1-inch Flute Cutter. ½-inch radius 2.50
[N] 9A3207—5/16-inch Quarter Round, 5/16-inch Cove, (Drop Leaf) Cutter ... 2.50
[P] 9A3208—3/16 and ⅜-inch Quarter Round, and ⅛-inch Bead Cutter 2.50
[R] 9A3209—⅜-inch Cove Cutter 2.50
[S] 9A3210—Panel Cupboard Door Cutter 2.50
[T] 9A2303—Tongue-and-Groove Cutters. New, improved, *wedge-type* design. Includes 6 bits. Shpg. wt. 8 oz. $4.95

DUNLAP 5½-inch Dado Sets

Good quality sets. For use on your bench saw . . . performs many jobs . . dadoing, grooving, rabbeting, etc. Made from tempered high carbon steel. Set includes two 3/32-inch thick outside saws; six 1/16-inch thick inside chippers. Instructions included for fitting to bench saw.

9 A 4888—With ½-inch center hole. Shipping weight 1 pound 10 ounces $4.95
9 A 4889—With ⅝-inch center hole. Shipping weight 1 pound 10 ounces 4.95

CRAFTSMAN 6-inch Dado Sets

Our finest professional quality. Converts your bench saw, radial saw or swing saw for dadoing, grooving, rabbeting, etc. Made of tempered high quality steel. Each complete set includes: two ½-inch thick outside saws and five chippers (four ⅛-inch thick, and one 1/16-inch thick). Precision ground.

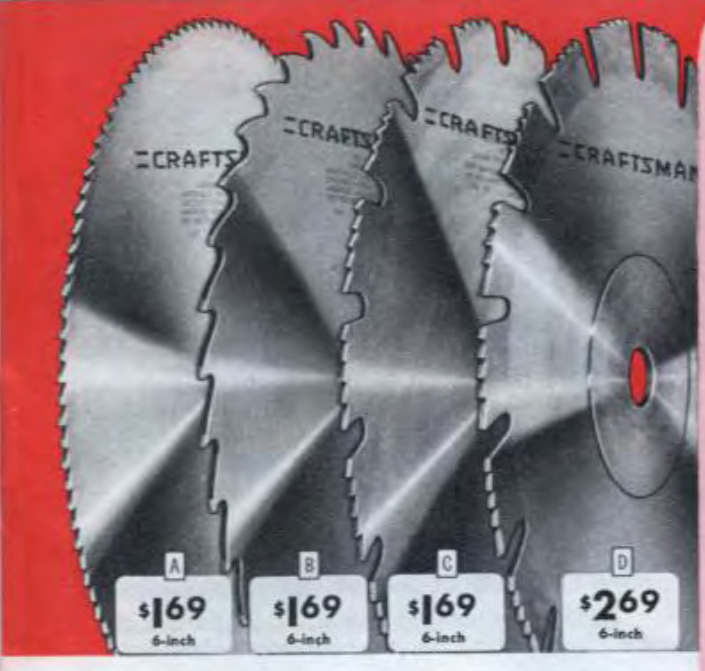
9 A 4874—With ½-inch center hole. Shipping weight 3 pounds 8 ounces $8.75
9 A 4875—With ⅝-inch center hole. Shipping weight 3 pounds 8 ounces 8.75

CRAFTSMAN 8-inch Dado Set

A Heavy Duty dado set for dado work with your bench saw, radial saw, or swing saw. Sizes to fit saws with 1-inch, ¾-inch, and ⅝-inch arbors. Each set includes two outside saws (each cuts ⅛-in. groove), six ⅛-in. inside cutters, and paper washers for 1/16-inch width adjustments. *Please state arbor size wanted: 1-inch or ¾-inch. (¾-inch size includes bushings to fit ⅝-inch arbors.)* When you buy CRAFTSMAN you buy the very best professional quality.

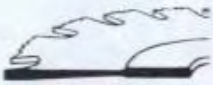
9 A 4870—Shipping weight 6 lbs. 8 oz. . . . Set $14.95

Build your order to $20.00 and buy on Sears Easy Terms. See inside back cover



CRAFTSMAN Circular Saw Blades

The gradual taper of a CRAFTSMAN Hollow-ground blade means greater strength . . allows the saw to run without set . . won't bind. Every cut has a much smoother finish.



Professional quality. Produced by improved machine methods that eliminate many costly hand processes! You pay LESS for a MORE accurate saw! **Electrically controlled furnaces** hold the saws flat, temper saws under pressure—give the blades toughness, longer-lasting edges. **Chrome-nickel-molybdenum steel**; heat treated; evenly tensioned to run true in cut. Accurately ground.

A B CRAFTSMAN Flat-ground Crosscut and Rip Saws. *Please be sure to state catalog number, center hole size, and diameter of saw wanted.*

Diameter	Gauge	Center Hole, Inch	R.P.M.	Shipping weight	[A] 9 A 4925 Crosscut	[B] 9 A 4926 Rip
6 inches	18	*½ or ⅝	7640	8 oz.	$1.69	$1.69
7 inches	18	*½ or ⅝	6550	13 oz.	1.89	1.89
8 inches	18	*½ or ⅝	5730	1 lb.	1.98	1.98
10 inches	16	*⅝ or ¾	4580	1 lb. 12 oz.	2.98	2.98
12 inches	15	*¾ or 1	3820	2 lbs. 11 oz.	4.29	4.29

C CRAFTSMAN Flat-ground Combination Saws. For crosscutting, ripping or mitering. *Specify center hole size and diameter of saw wanted.*

Diameter	Gauge	Center Hole, Inch	R.P.M.	Shipping weight	9 A 4937
6 inches	18	*½ or ⅝	7640	8 oz.	$1.69
7 inches	17	*½ or ⅝	6550	13 oz.	1.89
8 inches	17	*½ or ⅝	5730	1 lb.	1.98
10 inches	16	*⅝ or ¾	4580	1 lb. 12 oz.	2.98
12 inches	15	*¾ or 1	3820	2 lbs. 9 oz.	4.29

D CRAFTSMAN Hollow-ground Combination Saws. For fine woodworking . . . ripping, crosscutting or mitering. 3-gauge taper grinding gives free, easy cutting. Cuts smooth enough to glue work without sanding. Cuts slightly slower than flat-ground saws. *Specify center hole size and saw diameter wanted.*

Diameter	Gauge Taper	R.P.M.	Center Hole, Inch	Shipping weight	9 A 4939
6 inches	15 to 18	7640	*½ or ⅝	8 oz.	$2.69
7 inches	15 to 18	6550	*½ or ⅝	12 oz.	2.98
8 inches	15 to 18	5730	*½ or ⅝	1 lb.	3.89
10 inches	14 to 17	4580	*⅝ or ¾	1 lb. 10 oz.	7.25

*Arbors bushed to fit either size arbor indicated.

CRAFTSMAN Chisel-tooth Blades

Cut up to 30% longer before resharpening

New Design . . sharpening, resetting easier

$1.69
6-inch

NEW DESIGN! Bevel filed, chisel shaped tooth has greater hook angle . . provides a stronger, faster-cutting blade. Tests have proven it actually **cuts up to 30% longer** before resharpening than standard or fancy-tooth combination blades. **Easy to sharpen and reset** because of shape of tooth . . reduces vibration.

Combination-type . . for ripping and crosscutting. Made by new automatic machine methods that eliminate costly hand processes . . and lower prices to the customer! **Chrome-nickel-molybdenum steel** . . scientifically heat treated and hardened. Far superior to high carbon steel used in most circular saws . . yet they're priced LOWER than ordinary carbon steel saws! Every blade evenly tensioned to run true and cut straight. Saw teeth automatically set and filed for smoother, straighter sawing. Deep gullets to clear out sawdust. **Will stand up under hardest production use in factories and shops.** Actually increases production because it lasts longer . . lowers replacement costs too! You can depend on CRAFTSMAN products for highest quality and workmanship. Order from table below.

9 A 4955—*State saw diameter, arbor diameter and arbor shape when ordering.*

Teeth	Saw diam., inches	Arbor, Inch	Arbor shape	Fits these Saws	Shipping weight	Each
16	5⅞	13/64	diamond	Skilsaw electric hand saws	8 oz.	$1.69
16	6	½	square	Mall, Pet, DUNLAP former 99A02572	8 oz.	1.69
16	6	⅝–½*	round	Bench saws	8 oz.	1.69
16	6⅛	1⅛	round	Black and Decker electric hand saw	8 oz.	1.69
16	6¼	½	square	Pet, DUNLAP former 99A02572	8 oz.	1.69
16	6½	½	round	CRAFTSMAN 99A02553 electric hand saw (page 40)	10 oz.	1.69
18	7	⅝–½*	round	Bench saws	14 oz.	1.89
18	7	½	square	Mall electric hand saws	14 oz.	1.89
18	7¼	13/64	diamond	Skilsaw, CRAFTSMAN former 2186 electric hand saw	14 oz.	1.89
20	8	⅝–½*	round	CRAFTSMAN 99A02557K (page 41) and Bench Saws	1 lb. 2 oz.	1.98
20	8¼	13/64	diamond	Skilsaw electric hand saws	1 lb. 2 oz.	1.98
20	8¼	1⅜	round	Black and Decker electric hand saws	1 lb. 2 oz.	1.98
20	8½	13/64	square	Mall electric hand saws	1 lb. 2 oz.	1.98
24	10	¾–⅝*	round	Bench saws	1 lb. 12 oz.	2.98
24	10	1	round	Radial, swing, and bench saws	1 lb. 12 oz.	2.98
24	12	1–¾*	round	Radial, swing, and commercial saws	2 lbs. 5 oz.	4.29

*Arbors bushed to fit either size arbor indicated.

"How to Sharpen" Instruction Book

Over 200 illustrations! It's easy to sharpen tools when you know how. Shows how to sharpen and care for knives, saws, drills, garden tools, chisels, axes, screwdrivers, etc. 32 pages.

9 A 2924—Shpg. wt. 2 oz. . . . **25c**

CRAFTSMAN Gum and Pitch Remover

Quickly dissolves all pitch and gum from circular saws, band saws, planer and jointer knives, shaper cutters, turning tools and other woodworking tools. Aids free, easy cutting. Helps prevent rust. Easy to apply. 8-oz. can.

9 A 4918—Shpg. wt. 10 oz. . . **49c**

CRAFTSMAN Nail-Cutting Blade . . Ideal for Heavy-duty Production Work—Rough Work

New, greatly improved tooth design makes this, we believe, the best nail-cutting blade on the market! Cuts lumber containing nails, wire, etc. Also ideal for rough work . . BOTH ripping and crosscutting. These features plus its rugged construction make this the ideal blade for factories, shops, contractors, etc. Carefully made of special high carbon saw steel, heat-treated and properly tensioned for efficient performance. Available in saw diameters, arbor hole size and shape listed in table below. Compare quality . . compare price . . and you'll see why we're convinced you can't buy a better nail cutting blade. *State catalog number and saw diameter.*

Catalog Number	Saw diameter	Arbor diameter	Arbor shape	Fits Bench Saws and	Shpg. wt.	Each
9 A 4928	6 inches	⅝–½ in.	round	99 A 02553 saw (page 40)	1 lb.	$3.75
9 A 4928	8 inches	⅝–½ in.	round	99 A 02557K saw (page 41)	1 lb.	4.95

CRAFTSMAN and DUNLAP Bench Saws are the finest made . . we believe they give you more features for your money than any other bench saw. See pages 3 to 7 for complete bench saw listings.

Performance Tests Prove

it more accurate . . more compact . . stronger than comparable models

READ THESE ACTUAL TEST RESULTS

Test proves blade is super-strong! Cut over two miles of 2-inch yellow pine with no sign of blade failure.

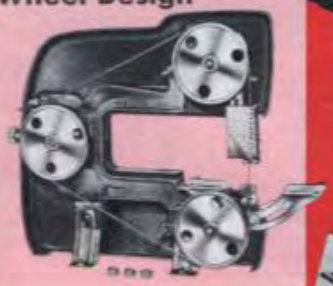
Test proves machine is sturdiest ever! Ran continuously and perfectly for more than 500 hours while cutting over 25 miles of 1-inch yellow pine.

Test proves 3-wheel design is sturdy— because it has a smaller frame and a lower center of gravity. Accurate! Compact! Strong! Low priced! This is the right saw for the average hobby shop.

A **$55.00** CASH
Without motor or bench
$5.50 DOWN . . ON EASY TERMS

Compact Three-Wheel Design

Compactness is a feature desired in most power tools, particularly by the home craftsman who is limited in workshop space. CRAFTSMAN 3-wheel design gives this saw a full 12-inch throat—without the great height necessary in conventional 2-wheel band saws with the same size throat. This also means you get a saw with a lower center of gravity in a smaller frame with more rigid construction.



B

CRAFTSMAN
REG. U. S. PAT. OFF.

3-wheel Band Saw

Unmatched in quality and capacity at this price!

We believe it is unmatched at this low price. See actual test results above. Extremely accurate—cuts as thin as 20/1000 of an inch. Much more compact design than conventional 2-wheel saws of this capacity. Has "super-alloy" blade, the result of years of research. Ideal for home craftsmen, woodworking and wood pattern shops. Recommended for wood cutting only. (Not recommended for metal cutting.)

All working parts, except blade cutting edge, are fully enclosed for extra safety. If blade should ever break, it can't fly out! Heavy, rigid scientifically reinforced cast iron frame. Double-row precision ball bearings mounted integrally with drive shaft, assuring perfect alignment and smooth operation. Double-row Torrington needle bearings on idler wheels. Rubber tires, ground true . . wheels machined to close limits to assure concentricity.

Cuts to center of 24-inch circle. Makes curved or irregular cuts in wood up to 4 inches thick. It's the only saw we know of with such a low center of gravity, and a full 12-inch throat (see cut-away view above). 12x12-inch table, mounted on double trunnions, with 4 points of support instead of 2, for greater rigidity; tilts 0 to 45°; has tilt indicator. Proper blade tension determined by built-in reading scale. One ¾x62-in. blade included.

SPECIFICATIONS

- Depth of throat.....12 inches
- Capacity of cut (max.)....4 inches
- Table size.....12x12 inches
- Width of blade.....¼ to ¾ inch
- Length of blade.....62 inches
- Bearings. 2 sets, lubricated for life, precision, ball.
- Motor pulley (not included)...3-inch
- Machine pulley (included)....4-inch
- Motor recommended (minimum) ¾-H.P. 1750 R.P.M.
- Overall dimensions: Height 20¹¹⁄₁₆ inches; Width 12 inches; Depth 28¹⁄₁₆ inches

A 99 A 02430L—**Without motor,** motor pulley, V-belt or bench. Shipping weight 68 pounds..... **$55.00**

99 A 12433L—As above, with DUNLAP ½-H.P. 1750 R.P.M. bronze bearing motor (110–120 volt, 60-cycle AC) 3-in. motor pulley; 45-in. V-belt. Shipping weight 96 pounds..... **$72.00**

9 A 2664—**Extra CRAFTSMAN 62-in. skip-tooth Saw Blade.** ¼, ⅜, or ½-in. wide. State width. Shipping weight each 7 ounces..... Each **1.25**

99 A 02140K—**Power Tool Bench.** See page 57. (2 extra rails, 9 A 2016, needed see page 57.) Shipping weight 23 pounds..... **10.95**

B 9 A 2919—**"The Jig Saw and Band Saw" Instruction Book.** 32 pages; over 160 illustrations. Shipping weight 2 oz..... **25c**

9 A 2120—**Power Panl.** Shown on power tool bench. See page 57. Shipping weight 1 lb..... **$3.95**

As low as **98c**

Many Types! Choice of blades for use with wood, brass, non-ferrous metals, steel. Set and filed

Many Sizes! Lengths range from 56½ inches to 132 inches; widths from ⅛ inch to ⅝ inch

Special Lengths available for cutting wood . . . made to order in sizes from ⅛ to 1½ inches wide

CRAFTSMAN

CRAFTSMAN Band Saw Blades
REG. U. S. PAT. OFF.

Finest quality saw steel. Every blade properly set and filed for recommended use. **Please state width wanted. (9 A 2664 is the only blade available for use on 3-wheel band saw.)**

9 A 2660—For wood. 56½ in. long; ⅛ or ¼ in. wide. Shpg. wt. 6 oz..... **98c**
9 A 2336—For wood. Skip tooth. 58 in. long; ³⁄₁₆, ¼, or ⅜ in. wide. Wt. 6 oz..... 98c
9 A 2664—For wood. Skip tooth. 62 in. long; ³⁄₁₆, ¼, or ⅜ in. wide. Wt. 7 oz..... $1.25
9 A 2665—For wood. 63 in. long; ⅛, ¼, or ⅜ in. wide. Shpg. wt. 7 oz..... 98c
9 A 2657—For wood. 78 in. long; ⅛, ¼, ⅜ or ½ in. wide. Shpg. wt. 7 oz..... 98c
9 A 2623—For wood. 80 in. long; ⅛, ¼, ⅜ or ½ in. wide. Shpg. wt. 7 oz..... 98c
9 A 2668—For brass and non-ferrous metals. 78 in. long; ¼ in. wide. Wt. 4 oz..... 98c
9 A 2624—For brass and non-ferrous metals. 80 in. long; ¼ in. wide. Wt. 7 oz..... 98c
9 A 2625—For steel. 80 in. long; ¼ in. wide. Shpg. wt. 7 oz..... $1.98
9 A 2715—For wood. 132 in. long. ¼, ⅜, or ⅝ in. wide. Shpg. wt. 6 oz..... 1.98

CRAFTSMAN special length Band Saw Blades
REG. U. S. PAT. OFF.

9 A 2669F—**Not for use on 3-wheel band saws.** All blades brazed unless otherwise specified. Add 35c to cost of each blade for brazing. Shipped from factory in Chicago. **State correct length and width wanted, and specify if you don't want blades brazed.**

Width	Shpg. wt.	Per foot	Width	Shpg. wt.	Per foot
⅛ inch	1 ounce	16c	⅝ inch	1 ounce	23c
³⁄₁₆ inch	1 ounce	16c	¾ inch	2 ounces	25c
¼ inch	1 ounce	16c	1 inch	2 ounces	26c
⅜ inch	1 ounce	17c	1¼ inches	3 ounces	33c
½ inch	1 ounce	20c	1½ inches	3 ounces	40c

CRAFTSMAN "100" 12-in. Band Saw

A **$77.00** Cash
Without motor or bench
$8.00 DOWN . . ON EASY TERMS

Extra safe! All operating parts enclosed, except cutting edge of blade. If blade ever breaks, it's inside housing where it can't possibly fly out.

Ball-bearing construction

B

C

D

CRAFTSMAN "INDUSTRIAL"
These tools are designed and built for production work in industry—with specifications to meet the demands of factories and shops.

CRAFTSMAN "100" 18-in. Band Saw

E **$295.00** Cash
Without motor
$29.50 DOWN . . ON EASY TERMS

Grease-sealed precision ball-bearings

Two heavy cast iron (rubber-tired) wheels have 18 in. diameter. All operating parts, except actual cutting edge of blade, covered by heavy-gauge steel casing for maximum protection to operator.

F

CRAFTSMAN 2-wheel Ball Bearing Band Saws

REG. U.S. PAT. OFF.

Cuts to center 24-inch circle . . wood 6 inches thick

A ONLY band saw in this price range with all these features: (1) "Uni-cast" cover and frame for extra rigidity! Frame and back are cast in ONE PIECE with bridge-girder-type reinforcement. (2) Self-aligning upper blade guide reduces friction, prolongs blade life. (3) Oil-impregnated bronze blocks, ball-bearing thrust wheels on saw guides above and below table. (4) All working parts completely enclosed. (5) Drive shaft and ball bearings are integral unit.

Four sets of precision ball bearings. Large 14 3/16x12½-in. smooth ground, cast semi-steel table tilts 0 to 45°; has miter slot for use with 9A2246 miter gauge listed below. Two 12⅛-in. rubber-tired cast iron wheels. With one 80x¼-in. blade. (Extra blades 9A2623, 9A2624 and 9A2625 on opposite page.)

SPECIFICATIONS:
- Depth of throat ..... 12 inches
- Capacity of cut (maximum) ..... 6 inches
- Table size ..... 12½x14 3/16 inches
- Length of blade (one ¼-inch width included) ..... 80 inches
- Width of blade ..... ⅛ to ½ inch
- Blade speed ..... 2165 F.P.M.
- Bearings ..... 4 sets lubricated-for-life precision ball
- Machine pulley (included) 5-inch
- Motor pulley (not included) 2-inch
- Motor recommended (minimum) ..... ½-H.P. 1750 R.P.M.
- Over-all dimensions ..... Height 37 in.; width 14 3/16 in.; length 22⅞ inches

99AM2428—Without motor, motor pulley, V-belt or stand. Shpg. wt. 75 lbs. . . **$77.00**

99AM2434—As above, with DUNLAP ½-H.P. 1750 R.P.M. split phase motor (110–120 volt 60-cycle A.C.); 2-in. motor pulley; 50-in. V-belt. Shpg. wt. 102 lbs. **$92.75**

99AM2957—**New Steel Tool Stand** for above band saw. A work-height mount, 30-in. high. Heavy 12x20½-in. base. 4 holes for casters. Shpg. wt. 53 lbs. . . . **26.50**

B 9A2246—**Miter Gauge** for above band saw. Shipping weight 4 lbs. 4 oz. **5.75**

9A2907—**Belt Guard** for above band saw. Shipping weight 3 lbs. 12 oz. **$2.80**

C 9A2343—**Rip Fence** for above Band Saw. For best results, use with ½-in. blade. Locks at front and rear. Fittings included. Shpg. wt. 5 lbs. **5.95**

9A2623—**Extra Blades.** For wood. 80-in. long. *State width wanted:* ⅛, ¼, ⅜, or ½-inch. Shipping weight 7 oz. . . . . Each **98c**

D 9A2819—**Casters** for 99AM2957 above. Set of 4 easy-rolling. Shipping weight 2 lbs. **$3.25**

9A2919—**Instruction Book "The Jigsaw and Band Saw."** 32 pages. Over 160 illustrations. Shpg. wt. 2 oz. **25c**

Cuts to center 36-inch circle . . wood 12½ inches thick

E **Our finest heavy-duty Industrial-type Band Saw.** It's the best 18-inch band saw we've ever sold . . and we believe it to be the finest on the market today . . at any price. You get extra features and extra capacity. Handles lumber up to 12½ inches thick!

Streamlined, fully-enclosed design. All operating parts except actual cutting edge of blade are covered by heavy-gauge steel casing. Has heavy-duty welded all-steel frame. Two-wheel (rubber-tired) cast iron construction.

Extra-large table, 20½x17⅞ in., of smooth ground cast iron . . . tilts down and locks at any angle from 0 to 45 degrees. Miter gauge included. Saw guides above and below table guide blade straight and accurately . . . have ball-bearing thrust wheels . . . give you accurate, true cutting. Blade speed 3500 feet per minute. One 132x⅜-in. blade included. (For extra blades, see 9A2715 on opposite page.) **This band saw is not carried in stock or on display in many of our stores; however, shipment from factory can be made promptly.**

SPECIFICATIONS:
- Depth of throat ..... 18 inches
- Capacity of cut (maximum) ..... 12½ inches
- Table size ..... 20½x17⅞ inches
- Length of blade (one ⅜-in. width included) ..... 132 inches
- Width of blade ..... ¼ to 1 inch
- Bearings ..... Six sets of grease sealed precision ball
- Size of each wheel ..... 18 inches
- Machine pulley (included) ..... 7-inch single groove V
- Motor pulley (not included) ..... 3-inch single groove V
- Motor recommended, minimum ..... 1 H.P. 1750 R.P.M.
- Over-all dimensions ..... Height 75 inches; width 22½ inches; depth 31 inches.

99 A M2377F—Without motor, motor pulley or V-belt. Shipped freight or express from factory in Cincinnati, Ohio; you pay transportation from there on delivery. Shipping weight 420 pounds. (See inside back cover for Easy Terms.) **$295.00**

F **NEW CRAFTSMAN Slo-Speed Converter.** For use with 99A2428 band saw above at left. Also can be used on any 10 to 14-in. band saw. Slows blade speed for metal cutting. Converts from hi-speed to slo-speed in seconds. Mounts on motor. Easy to install. With complete instructions.

9 A 2342—Shipping weight 6 lbs. **$25.00**

9 A 2919—**"The Jig Saw and Band Saw" Instruction Book.** 32 pages; over 160 helpful illustrations. A handy manual of operation to enable you to get the most out of your band saw. Shipping weight 2 ounces. **25c**

CRAFTSMAN "100" Jig Saw

REG. U.S. PAT. OFF.

24-inch capacity . . Cuts to center of 48-inch circle

"Walking Beam" action reduces vibration, blade breakage. Cuts wood up to 2 in. thick; also metal, plastics. Double-row precision ball bearings on the drive shaft assure smooth, quiet operation and long life.

By far the finest heavy-duty jig saw ever to bear the CRAFTSMAN name! Unusually smooth and quiet in operation because of time-tested "Walking-Beam" action and precision ball bearings. Never needs oiling or greasing! Meets the most rigid requirements of professional craftsmen and woodworking shops. You'll get an entirely new idea of jig saw performance!

Extra large size table. Full 16x16 inches to give plenty of working surface; made of smooth-ground cast semi-steel. Tilts 0 to 45° on double trunnion supports; gauge shows angle of tilt. Blade chucks and table can be turned 90° for ripping long pieces.

Many super-quality features. 7½-watt work lamp built into head; lights up working area; has switch, cord and plug. Concealed sawdust blower gives a real blast of air. Entering cuts at sharp angles are possible because the new blade support guides the blade above and below the work . . . reduces blade breakage, too. Hold-down foot prevents lifting work off table on the upward stroke of blade. Hold-down is adjustable, even with table tilted. Enclosed, one-piece cast semi-steel base with rust-resisting gray enameled finish.

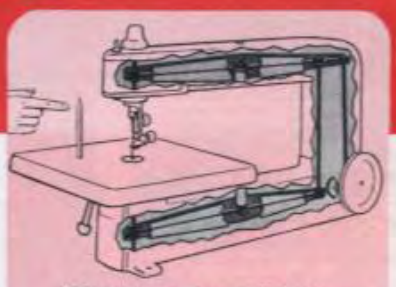
SPECIFICATIONS:

- Depth of throat . . . . . 24 inches
- Depth of cut, maximum, in wood . . . . . 2 inches
  in plastic . . . . . 1½ inches
  in brass . . . . . 3/16 inch
  in aluminum and zinc . . . . . 1/16 inch
- Table size . . . . . 16x16 inches
- Motor recommended, min . . . ¾ H.P. 1750 R.P.M.
- Machine pulleys (included) . . . . . 5 and 6-in.
- Motor pulleys (not included) . . . . . 2-inch and 3-inch
- Speed . . . . . 525 and 1015 R.P.M.
- Stroke . . . . . 1 5/32 inch
- Mounting dimensions . . . . . 5 5/8x30 11/16 inches
- Over-all dimensions: Height 21¼ inches; length 39¾ inches; width 16⅛ inches

Motor can be mounted above, below or behind. One 6-inch plain end blade included. Shpg. wt. 125 lbs.

99 A M2344—CRAFTSMAN 24-inch jig saw as described above, without motor **$83.50**

99 A M2393—CRAFTSMAN 24-inch jig saw with DUNLAP ¾-H.P. 1750 R.P.M. split phase bronze bearing 110-120-volt, 60-cycle A.C. motor; 2-in. and 3-in. motor pulleys; V-belt. Shpg. wt. 149 lbs. **$98.00**



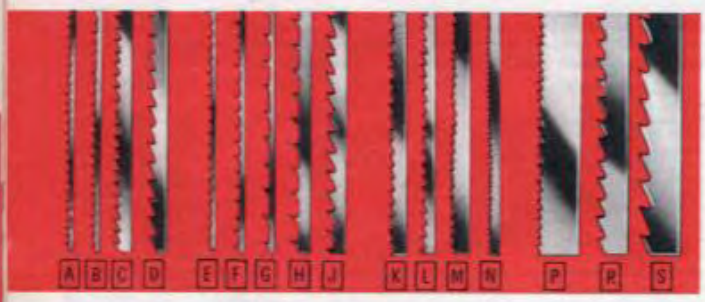
"Walking-Beam" Action

It's no trick to make a pencil stand on end while the CRAFTSMAN "100" runs at full speed. That's because "Walking-Beam" action reduces vibration . . . assures quiet, accurate operation. An H-shaped channel section delivers equal power on up AND down strokes . . . no jerky return springs. Drive action operates through double-bearing guides above and below work.

Jig Saw Manual

Jig Saw and Band Saw Manual. Complete! 32 pages. Over 160 illustrations! Easy-to-follow directions for operating both types of saws. Explains many short cuts. Paper bound. Shipping wt. 2 oz.

9 A 2919 . . . . . **25c**



CRAFTSMAN Jig, Fret and Coping Saw Blades

REG. U.S. PAT. OFF.

Catalog Number	Recommended uses	Length, inches	Teeth per in.	Thick, inch	Width, inch	Blades in Pkg.	Per Pkg.
	(PIN TYPE BLADES)						
(A) 9A2712	Fits hand magnetic jig saw	2¾	18	.010	.040	6	25c
(B) 9A2688	Fits magnetic jig saw	4	18	.010	.040	6	25c
9A2690	Fits magnetic jig saw	5	18	.010	.055	6	25c
(C) 9A2705	Medium, for wood	5	15	.020	.110	6	25c
(D) 9A2704	Coarse, for wood	5	10	.020	.110	6	25c
	(PLAIN END BLADES—FOR MOST JIG SAWS)						
(E) 9A2693	Extra fine for delicate cuts in wood	6	18	.010	.045	8	25c
(F) 9A2695	Fine, for cuts in thin wood	6	14	.010	.070	8	25c
(G) 9A2711	Skip tooth; for plastics and soft metals	6	7	.020	.110	6	25c
(H) 9A2710	Skip tooth; for heavier duty than 9A2711	6	7	.020	.110	6	25c
(J) 9A2700	Coarse; for wood or soft metal	6	10	.020	.110	6	25c
(K) 9A2701	Fine; for wood or soft metal	6	16	.020	.110	6	25c
(L) 9A2702	Extra fine; for wood or soft metal	6	15	.020	.078	6	25c
(M) 9A2709	Fine; for sheet metals incl. steel	6	20	.020	.110	6	25c
(N) 9A2703	Extra fine; same uses as 9A2709	6	32	.020	.070	6	25c
	(SABER BLADES)						
(P) 9A2867	For metal cutting. Similar to hack saw	6	20	.028	.250	3	25c
(R) 9A2869	For wood and soft metals	6	10	.028	.1875	3	25c
(S) 9A2866	For coarse cuts in wood	6	7	.028	.250	3	25c

High quality blades of special alloy "Super-Tuff" steel, heat treated and hardened for long life and fast, easy cutting action. This alloy is famous for its combination of toughness and fine edge-holding qualities. 6-inch plain-end blades can be snapped off to fit machines taking shorter plain-end blades. Saber-tooth blades can be used for heavy work, as well as for saber work. Sizes in table at right. Shipping weight per package 2 ounces.

CRAFTSMAN "80" Jig Saw

REG. U.S. PAT. OFF.

18-in. capacity . . Cuts to center of a 36-in. circle

- **Cuts wood up to 2 inches thick . . metal and plastic.**
- **Three point mounting base allows fastening to uneven bench.**

This saw is specially designed to give excellent service even under hard professional use . . It is ideal for the serious homecraftsman.

Modified Scotch-Yoke action assures smooth, quiet operation. Runs in a bath of oil. Porous bronze main bearings. 12x12-inch cast semi-steel table tilts from 0 to 45 degrees on double pivots; gives large working surface. Frame is strongly made from cast semi-steel. Upper arm is removable for filing and saber sawing.

Exclusive design shoe in chuck between blade and clamping member prevents damage to blade when tightening. Blade chuck rotates 90° for ripping pieces longer than 18 inches. Has upper and lower blade guides. Adjustable hold-down prevents work from lifting off table. Fully enclosed coil type return spring. Built-in sawdust blower clears sawdust from working area. Uses 5- or 6-inch plain end blades (one blade included). See page 57 for description of the power tool bench shown.

SPECIFICATIONS:

- Depth of throat ..... 18 inches
- Depth of cut (maximum) ..... 2 inches
- Table size ..... 12x12 inches
- Machine pulley (included) 4-inch
- Motor pulley (not included) 2-inch
- Motor recommended (minimum) ..... ¾-H.P. 1750 R.P.M.
- Speed (approximate) ..... 860 R.P.M.
- Sawdust blower ..... Built into head
- Mounting dimensions ..... 5¼x22 7/16 inches
- Over-all dimensions: Height 17 23/32 inches; length 29 inches; width 12 inches.

99 A M2315—18-inch jig saw without motor, motor pulley, V-belt, and power tool bench. Shipping weight 68 pounds **$35.50**

99 A M2449—18-inch jig saw with DUNLAP ¾-H.P. 1750 R.P.M. split phase bronze bearing 110–120-volt 60-cycle A.C. motor, 2-inch motor pulley, ½x54-inch V-belt. Without power tool bench. Shpg. wt. 92 lbs. **$50.95**

CRAFTSMAN Jig Saw with Reciprocating Motor

Has direct drive . . full power instantly

- **11-inch throat . . cuts soft wood up to 1 in. thick**
- **Electric power unit in base . . no belts, no gears**
- **Use for models, puzzles, furniture making.**
- **Fun to use . . safer for every member of the family.**

NOT A TOY . . but a rugged power tool. Rapid short-stroke reciprocating action provides smooth cut . . leaves practically NO saw marks . . minimizes the need for hard, tiresome sanding.

Needs no motor, no belt, no gears and NO OILING. Electric power unit in base gives 7200 smooth, short cutting strokes per minute. This short stroke and lack of pulleys and power belts makes it safer for children to operate.

Use it anywhere. Mounted on thick rubber feet that minimize noise. Ideal for apartment house dweller . . homes without basements. Many people use it on the kitchen table. All metal construction.

UL approved. For 110–120-volt, 60-cycle AC only. With six 5-in. pin-end blades. 5½-foot cord and operating instructions. Order yours today. It's ideal for making hundreds of articles from wood, plastic or metal.

Saw wood up to 1 inch thick; zinc 1/16 in.; brass 1/16 in.; aluminum 3/32 in. and plastic ½ in. You can find dozens of uses for it around your home.

SPECIFICATIONS:

- Depth of throat ..... 11 inches
- Depth of cut, maximum, in wood ..... 1 inch
- Motor ..... Electric reciprocating-type for 110–120-volt, 60-cycle AC only.
- Strokes per minute 7200
- Table size ..... 8½x8 inches
- Overall dimensions:
  - Height ..... 10½ inches
  - Width ..... 8½ inches
  - Length ..... 16¼ inches

99 A 02776—Shipping weight 13 lbs. **$16.95**

9 A 2690—Extra Blades for above jig saw. 5 inches long. Shipping weight 1 oz. ..... **6 for 25c**

If your purchase totals $20.00 or more you can take advantage of Sears Easy Payment Terms. For complete information see inside back cover.

$53.50 CASH
Without motor or bench
$5.50 DOWN . . ON EASY TERMS

Extra Features

Double row heat-treated, tempered, precision-ground ball bearings. Sealed against dirt. NEVER needs lubrication.

Fence tilts up to 45° in either direction; locks in place. Accurate, easy-to-read protractor scale shows angle of tilt.

CRAFTSMAN 4⅜-inch Jointer-Planer

REG. U.S. PAT. OFF.

with sealed ball bearings, lubricated for life

Ideal for small woodworking shops, school shops and home workshops. Outstanding—capacity, precision, speed, accuracy and smooth operation. Weighs much more than any other jointer-planer we know of in this price range.

Rugged construction throughout. Solid steel cutter head has three 4⅜-inch high-speed steel knives. Massive cast semi-steel base extends almost the entire length of the tool to give exceptionally rigid support to table for more accurate operation. Three-point-of-contact mounting eliminates twist.

Precision-ground tables of cast semi-steel. Three-point suspension mounting of rear table makes possible perfect alignment with front table. Front table is mounted on double set of adjustable ways for greater accuracy and ease in changing depth of cut. Gibs on ways; can be adjusted to correct for wear.

Depth of cut easily adjustable with hand wheel. Accurate gauge shows depth of cut. Controls are all clearly visible from normal operating position; can be reset without reaching under table. Quick-acting spring-loaded guard gives complete protection; can be quickly removed in one motion for rabbeting. Fence tilts up to 45° in either direction; easy-to-read protractor scale shows angle of tilt.

99 A M2334—Without motor, motor pulley, V-belt or bench. Shpg. wt. 63 lbs. . **$53.50**

99 A M2317—With DUNLAP ¾-H. P. 1750 R. P. M. bronze bearing split phase motor for 110–120-volt 60-cycle A.C., 5-inch motor pulley, ⅜x43-inch V-belt. (Bench not included.) Shipping weight 92 pounds **$69.00**

9 A 2291—4⅜-inch Jointer Knives (Replacement). Set of 3. Shipping wt. 7 oz. **$3.39**

99 A 02134K—Power Tool Bench. See page 57 for description. Shpg. wt. 30 lbs. **$12.50**

SPECIFICATIONS:

- Width of cut . . . . . 4⅜ in.
- Depth of cut . . . . . ⅛ in.
- Rabbet depth . . . . . ⅝ in.
- Length of fence . . . . . 19½ in.
- Spindle diameter . . . . . ½ in.
- Size, front table . . . . . 11 3/16x6⅝ in.
- Size, rear table . . . . . 11⅛x6⅝ in.
- Bearings . 2 sets sealed precision ball
- Cutter knives . . 3 high-speed steel, 4⅜x11/16x⅛ inch
- Recommended arbor speed, approximately 4500 R.P.M.
- Motor recommended (minimum) . . ½ H.P. 1750 R.P.M.
- Machine pulley (included) . . . . . 2 in.
- Motor pulley (not included) . . . 5 in.
- Mounting dimensions . 7¾x21¾ in.
- Over-all dimensions . . . Height 8 in.; width 9¾ in.; length 29 7/16 in.

Blade Sharpener

Now! Quickly sharpen your jointer-planer knives, wood chisels and other straight-edge blades right in your own workshop! Blade sharpener attachment for use on bench saws. Sharpens 25° to 40° bevel faces. (See page 7 for more complete description.)
9 A 2658—Wt. 7 lbs. 4 oz. **$7.75**

$65.00 CASH
Without motor and bench
$6.50 DOWN . . ON EASY TERMS

CRAFTSMAN Thickness Planer

REG. U.S. PAT. OFF.

Hand feed type . . . planes material up to 12 in. wide

Now you can plane hard or soft boards to any desired thickness . . . finish rough sawed lumber . . . reclaim old boards, etc. Exclusive open side design allows you to plane stock up to 12 in. wide by reversing work. Planes stock up to 6 in. wide in one pass. Handles stock up to 2 in. thick, and as small as ⅛ in. thick and 4 in. long!

Simple hand feed design reduces weight (*and cost*) and simplifies operation. Delicate adjustments for light-cutting contact directly controlled by operator. Cut adjusted by hand wheel; accurate . . . *holds cut to within a few thousandths of an inch.*

Sealed ball bearings . . . lubricated for life. Ribbed cast iron table and frame. Ways milled into one casting for accuracy . . . no binding or misalignment possible. Anti-kick-back guard on both sides. Chip breaker and pressure bar guard head.

SPECIFICATIONS:

- Capacity of cut, maximum 5/32-inch
- Table size . . . . . 6 7/16x19 3/16 inches
- Cutter head . . . . . 2⅜-in. diameter
- Knives . . . . . three; 6⅛x1 1/16x⅛-in.
- Bearings . . . . . 2 sets sealed precision ball
- Machine pulley (included) . . . . . 2-in.
- Motor pulley (not included) . . . . . 2⅜-in.
- Motor recommended (minimum) . . . . . ½-H.P. 3450 R.P.M.
- Mounting dimensions . . . . . 8x10 inches
- Over-all dimensions . . . . . height 15⅝ in.; width 15⅝ in.; length 19¾ in.

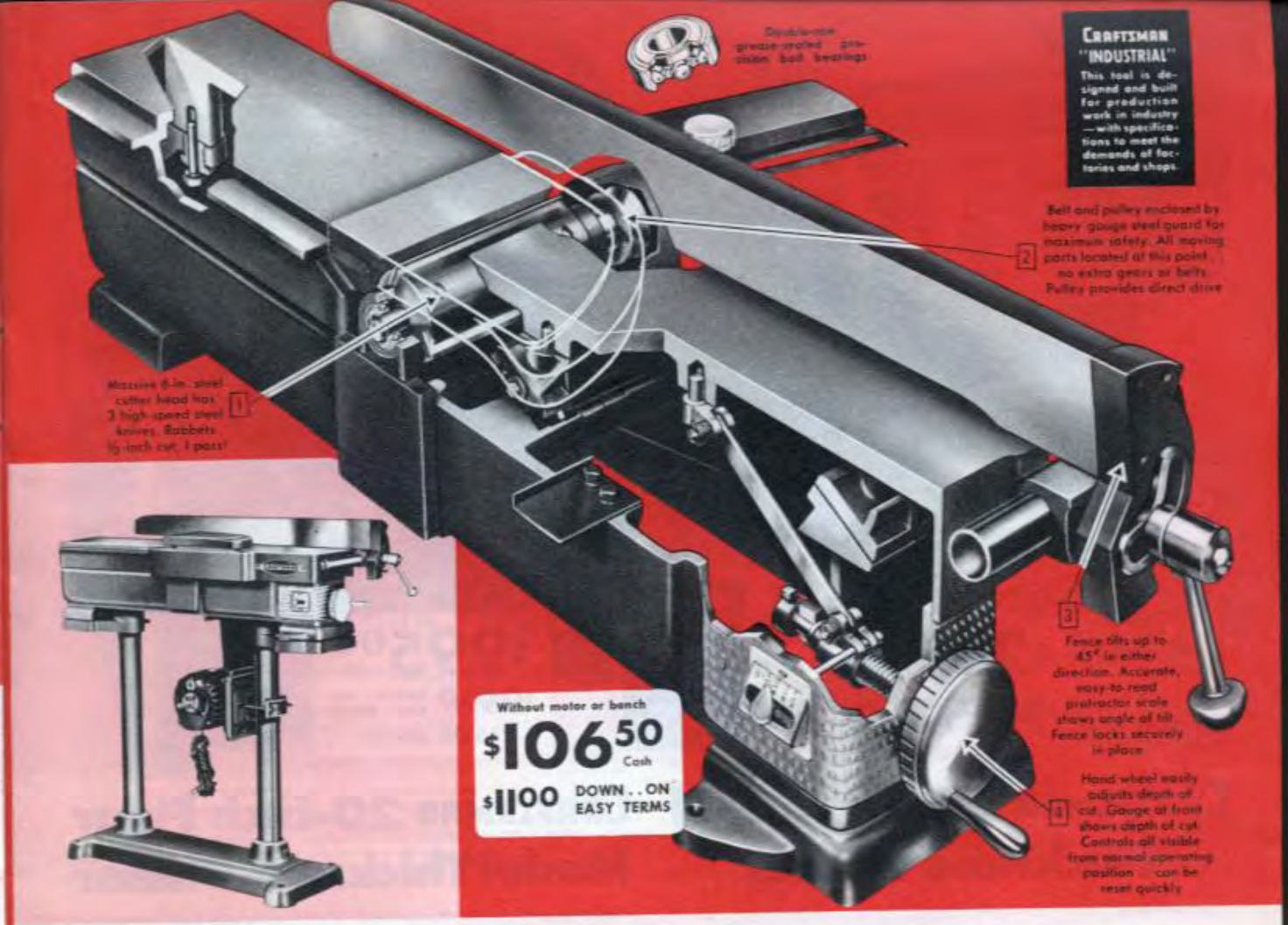
99 A M2370—Without motor and bench. Shipping weight 85 lbs. **$65.00**

99 A M2371—With CRAFTSMAN ½-H.P. 3450 R.P.M. ball bearing capacitor motor for 110-120-volt 60-cycle A.C., 2⅜-in. motor pulley, ⅜x54-in. V-belt. Shpg. wt. 123 lbs. . **$97.00**

9 A 2293—Set of 3 extra knives for above planer. Shipping weight 10 oz. **$4.15**

99 A 02140K—Power Tool Bench. See page 57 for description. Use with 2 extra rails below. Shipping weight 23 lbs. **$10.95**

9 A 2016—Extra Rails for above. Use two. Shipping weight 3 lbs. . . . . Each **85c**



CRAFTSMAN 6-inch Jointer-Planer

REG. U. S. PAT. OFF.

For Home, School, and Professional Shops

By far the most outstanding jointer-planer we've ever sold! Rugged . . massive . . precision built. It is extra-heavy duty . . designed for continuous use. Weighs much more than any other jointer-planer we know of in this price range. Meets the rigid requirements of professional craftsmen and industrial shops . . that's why it does such a superb job when used in the home shop. Preferred by many teachers of shop training classes. We believe there isn't a finer 6-inch jointer-planer on the market today at any price. Order now!

Cut-away view above shows a few of the outstanding features which have made this 6-inch power tool famous: (1) Extra heavy duty 6-inch solid steel cutter head has 3 high-speed steel knives. Rabbets a ½-inch cut with one pass . . a real time saver in industrial production work. (2) Belt and pulley enclosed by steel guard for maximum safety. These are the only moving parts, aside from the cutter head. (3) Fence tilts up to 45° in either direction; locks in place. Accurate, easy to read protractor scale shows angle of tilt. (4) Depth of cut easily adjustable with hand wheel. Gauge shows depth of cut. Controls all visible from normal operating position; can be reset without reaching under table.

Extra-long tables of precision-ground cast semi-steel. Three point suspension mounting of rear table makes possible perfect alignment with front table. Front table mounted on double set of adjustable ways. Ways are spring loaded to correct for wear. Massive cast semi-steel base is extra long to give exceptionally rigid support to tables.

Spring-loaded guard gives complete protection, can be quickly removed in one motion for rabbeting cuts. Cutterhead bearings are mounted in adjustable brackets to permit highly accurate alignment of cutterhead with rear table. Cutterhead assembly easily removed as a unit for precision grinding of blades. Grease-sealed ball-bearings . . NEVER NEED LUBRICATION . . securely sealed against dirt, moisture, etc. Provide much smoother, easier operation . . assure longer work life.

Here are some of the things you can do with a Jointer-Planer

1) It does the same type of planing and surfacing work as is done with a hand plane, but does the job faster and much more accurately.
2) It is an exceptionally fine tool for making accurate glue joints. It gives the boards a straight, clean surface. Can also be used for accurate beveling.
3) Ideal for making square tapered cuts on chair legs and other furniture.
4) Makes accurate rabbeting cuts for doors, window frames, cabinets, table drawers, etc. Helps save lumber costs.

SPECIFICATIONS:

- Width of cut.....6¼-inch; Depth of cut.....½-inch
- Rabbet depth.....½-inch
- Table size; front.....16¾x7⅞ in.; rear 17¾x7½ in.
- Bearings.....2 sets sealed precision ball
- Cutter knives.....3 high speed steel, 6⅛x1/16x⅛ in.
- Recommended arbor speed.....Approximately 4500 R.P.M.
- Motor recommended (minimum).....½-H.P. 3450 R.P.M.
- Machine pulley (included).....2-in.
- Motor pulley (not included).....2½-in.
- Mounting dimensions.....8⅝x32¼ inches
- Overall dimensions: height 11¾ inches; width 20 inches; length 42½ inches

99 A M2390—**Without motor**, motor pulley, V-belt or power tool bench. Shipping weight 155 pounds..... **$106.50**

99 A M2391—**With ½-H. P. 3450 R.P.M. ball bearing capacitor motor** for 110-120 volt 60-cycle AC, 2½-in. motor pulley, ⅜x45-in. V-belt. (Bench not included.) Shipping weight 193 pounds..... **$139.00**

99 A M2960—**NEW Steel Tool Stand** for above Jointer-Planer. A work-height mount that won't interfere with hand controls for operator's position. About 31 in. high. Heavy 12x31¼-in. base has holes for casters. Shpg. wt. 88 lbs.. **$30.50**

9 A 2293—**6⅛-inch Jointer Knives (Replacement).** High speed steel: expertly ground. Set of three for above jointer-planer or 99AM2370 Thickness Planer on page 16. Shipping weight set of three 10 oz..... **$4.15**

9 A 2819—**NEW! Set of 4 casters** for Steel Power Tool Stand above. Easy-moving ball-bearing steel rollers. Shpg. wt. 2 lbs..... Set of 4 **$3.25**

9 A 2908—**Belt Guard** for above jointer-planer. Completely covers motor pulley and V-belt. Provides maximum safety. Heavy gauge steel. Weight 3 pounds 12 oz..... **$3.85**

9 A 2013—**Steel Mounting Plates.** Necessary for mounting above Jointer-Planer on 99 A 02134K Power Tool Bench. See page 57 for a complete description of this versatile bench. Set of 2. Shipping weight 4 pounds..... **95c**

9 A 2916—**Jointer, Shaper and Thickness Planer Handbook.** A complete manual of operation. Clearly describes more than 30 operations. Provides complete sharpening instructions. Strongly bound. 32 pages; over 200 illustrations. A "must" item for everyone who owns a jointer-planer. Shipping weight 2 ounces..... **25c**

There's no need to pay cash! Pay for your power tools as you use them! See inside back cover for complete details on Sears Easy Payment Terms

$249.50 CASH

$25.00 DOWN .. ON EASY TERMS

CRAFTSMAN "INDUSTRIALS"

These tools are designed and built for production work in industry—with specifications to meet the demands of factories and shops.

$995.00 CASH

$99.50 DOWN .. ON EASY TERMS

$55.00 MONTHLY

CRAFTSMAN Bench Model Thickness Planer

REG. U.S. PAT. OFF.

EXTRA STRONG .. heavy side frame is cast in one piece from gray iron

EXTRA STRONG .. heavily ribbed, accurately ground table; precision ways

EXTRA STRONG .. heavy duty, long-life precision-type ball bearings

If dependability, speed and accuracy are at a premium in your woodworking business, be sure you choose the famous CRAFTSMAN 12-inch power feed thickness planer. From price to production .. we're convinced it is unsurpassed!

Every feature of this rugged CRAFTSMAN thickness planer has been engineered to extreme accuracy . . . has been designed especially to handle day-in-day-out high production work. And every part is extra strong to insure long service.

Sturdy one-piece frame is cast from rugged, lasting gray iron. Strong precision-machined ways securely support heavily-ribbed, accurately ground table. Table is easily raised and lowered by a convenient hand wheel for depth of cut adjustment. *And you can hold cut to within a few thousandths of an inch because of extremely close tolerances throughout!*

3¼-inch diameter safety-type solid steel cutter head; three knives. Runs on heavy-duty sealed precision ball bearings . . . lubricated for life. Maximum depth of cut 5/32 in., depending on type of wood. Planes lumber up to 4 inches thick and 12 inches wide. Takes wood as short as 6 inches and as thin as 1/16 in. Highly accurate depth of cut scale. 1¾-inch diameter solid steel feed rolls. Feeds up to 17 lineal feet per minute. Has chip breaker and pressure bar guard head. All gears run in oil bath.

Recommended cutter head speed, 4200 R.P.M. Use a 6 to 8-inch motor pulley with ¾ to 2-H.P. 1750 R.P.M. motor for best results (motor not included). Be sure to see detailed specifications and order information below.

SPECIFICATIONS AND ORDER INFORMATION

- Capacity of cut, maximum . . . . 5/32 in.
- Width of cut, maximum . . . . . 12 in.
- Table size . . . . . 12x20 in.
- Size of cutter head . . . . . 3½ in.
- Knives . . . . . 3; size 12x3/32x½ in.
- Bearings . . 2 sets sealed precision ball
- Power feed rate . . 17 lineal feet per min.
- Machine pulley (included) . . . . . 3 in.
- Motor pulley (not included) . . 6½ in.
- Motor recommended (variable) . . . . . ¾ to 2 H.P.; 1750 R.P.M.
- Recommended cutter head speed, approximately . . . . . 4200 R.P.M
- Mounting dimensions . . . 8¾x18¾ in.
- Over-all dimensions: height 23 in.; width 33 in.; depth 20 in.

99 A M2349F—Shipped from factory in Cincinnati from where you pay shipping charges when delivered. Without motor. Shipping weight 280 lbs **$249.50**

CRAFTSMAN 20-inch Floor Model Thickness Planer

REG. U.S. PAT. OFF.

- **Extra Large Capacity—Planes lumber up to 20 inches wide and 6 inches thick!**
- **Extra Heavy Construction—Welded steel base . . alloy steel head . . high-speed knives and hardened gears**
- **Designed for Extra Duty—Meets the requirements of lumber mills . . factories and every type of woodworking shop**

We're extra proud of this Extra-Special Thickness Planer. We believe it is the finest 20-inch Power-Feed planer on the market today . . and we believe our price can't be matched by anyone. If your woodworking plans or problems involve a thickness planer . . and if you want the finest possible at a budget boosting price . . Buy this industrial type precision built tool.

A real production tool . . designed to deliver top performance day by day even under such rugged demands as lumber mills, furniture factories, and wood pattern shops.

Range of speeds—20 and 40 linear feet per minute can be increased to 40 and 80 linear feet per minute by a simple change of sprocket ratio. This assures the user is getting a machine that can handle the heaviest type of roughing work or the finest cabinet finish and pattern shop planing with ease.

Planes lumber up to 20 inches wide and 6 inches thick. Maximum depth of a single cut is ⅛-inch depending on type of wood. Scale indicates depth of cut; handwheel adjusts depth. Handwheel turns easily . . located on side out of the way of the operator.

Streamline superior construction. Heavy welded base . . alloy steel head . . high speed steel knives and heat treated hardened gears. Bed is made of semi-steel; close grained castings are supported by large anti-friction thrust bearings. Two sets of precision ball bearings in cutter head . . greased sealed, NEVER need lubrication. Four high speed steel knives 20x1x⅛-inch. Lumber rolls on solid steel feed rolls 2⅛-inches diameter.

Exceptionally accurate . . holds cuts to within a few thousandths of an inch. Recommended cutter-head speed approximately 3600 R.P.M.

SPECIFICATIONS AND ORDER INFORMATION

- Capacity of cut, maximum . . . ⅛-inch
- Width of cut, maximum . . . . 20 inches
- Table size . . . . . 34x20 inches
- Knives . . . . . four; size 20x1x⅛ inch
- Bearings for cutter-head . . 2 sets of precision ball
- Power feed rate . . . . . 20 and 40 lineal feet per minute, or 40 and 80 lineal feet per minute
- Size of cutter-head . . . . . 4¼ inches
- Machine pulley (included) 3.4 inches
- Motor pulley (included) . . . . . 2-step; 3.4 and 6.4 in.
- Motors recommended (variable) . . . . . 3 to 10 H.P.; 1750 R.P.M.
- Cutter-head speed, approx. 3600 R.P.M.
- Dimensions: . . . . . Height 47 inches; width 41 inches; depth 36 inches

99 AM 2757F—Shipped from factory in Cincinnati, Ohio, from where you pay shipping charges when delivered. Motor is not included. Shpg. wt. 1240 lbs . . . . Cash **$995.00**

Pay for your power tools as you use them! See inside back cover for complete details on Sears Easy Payment Terms

Control for spindle height adjustment is easily accessible in all positions. No interference from legs or other supports.

$57.00 CASH
Without motor or bench
$6.00 DOWN ON TERMS

SPECIFICATIONS

- Cutter height capacity...2½ inches
- Cutter bore.....½-inch
- Bearings...2 sets sealed radial ball
- Table size.....21x15 inches
- Table height (stationary)...8⅝ in. above base
- Miter gauge slot.....¾ inch wide ⅜ inch deep
- Length of fence (adjustable).....18¾ to 21 inches
- Spindle diameter.....½-inch ends 13/16-inch center
- Spindle thread..½ inch x 16 Acme
- Spindle travel.....⅜-inch
- Spindle speed recommended 9,000 R.P.M.
- Machine pulley (included)....2-in.
- Motor pulley (incl.)....4⅜-in. flat
- V-belt (included).....½x33 inches
- Motor recommended (minimum) ½-H.P. 3450 R.P.M.
- Mounting dimensions.....3 holes 2 rear are 11½ in.; front is 9¾ in.
- Overall dimensions. height 11½ in.; width 21 inches; depth (without motor guard) 15 inches

CRAFTSMAN High-Speed Wood Shaper

REG. U. S. PAT. OFF.

Either side of fence easily adjustable without disturbing the other

Designed for high-speed, light duty production work. Cuts smoothly and rapidly at all possible angles to the grain of wood, using shaper cutters below.

Four features exclusive in this price range! (1) BOTH sides of fence adjustable without loosening fence assembly. (2) Three-point mounting. (3) Collars, nuts and washers **hardened** to prevent burring. (4) Floating upper bearing for greater accuracy . . . two sets of sealed radial ball bearings, lubricated for life.

Extra-large, 21x15-inch ground cast semi-steel table. Spring hold-downs hold work securely against table and fence while cutting. Table has miter gauge slot. Solid-type spindle construction—instead of interchangeable style—assures accurate concentricity. Reversible; rotates in either direction. Larger spindle diameter between bearings; same principle of design used in expensive grinding and boring machines; helps prevent whip and vibration.

Built-in guard completely encloses belt and motor pulley; adjustable for different belt lengths. Flat motor pulley (supplied) helps prevent belt misalignment when raising or lowering spindle. Comes with 3 spindle collars; machine pulley; motor pulley; and ½x33 inches V-belt. Shaper cutters described and sold separately below. See inside back cover for Sears Easy Terms.

99 AM 2392—CRAFTSMAN Shaper as above, without motor or power tool bench. Shipping weight 76 pounds.....$57.00

99 AM 2406—As above, with ½-H.P. 3450 R.P.M. 110–120 volt 60-cycle A.C. ball-bearing capacitor motor. Shipping weight 107 pounds.....$88.50

99 A 02134K—CRAFTSMAN Power Tool Bench. (See page 57 for complete description.) Height adjustable from 22 to 32 inches. Length 30 inches. With 4 cross slide-rails. Shipping weight 30 lbs.....$12.50

Shaper Cutters for shaper or drill press . . Give work a professional touch!

Top professional quality. Made of tough, wear-resistant special alloy steel; perfectly ground and engineered to exact dimensions. For use on wood shaper . . . makes tool much more useful. Also can be used on drill press with 9 A 2483 adapter (see page 35). Sturdy cutters have ½-inch bore. Quickly and easily resharpened by grinding the flat surface ahead of the cutting edge, and using fine grit wheel (preferably cone-type).

You can make hundreds of additional cuts with this complete selection of cutter sizes . . . using only part of the cutter edges. The diagram opposite each cutter illustration above shows full cut produced. To quickly and easily determine a cut not shown, simply place two pieces of paper on the upper and lower parts of the diagram . . . then move the paper up and down until you arrive at the exact shape you want. By using the corresponding part of the cutter edge, you can determine the cut represented by the part of the diagram not covered by the two pieces of paper. (See example in sketch above at right.) Use shaper collars 9 A 2367 (listed at right) to regulate depth and height of cut wanted.

A **Matched Tongue and Groove Cutters.** Precision ground. Razor-sharp! ½-in. bore; 1-in. high; ⅜-in. radius.
9 A 2365—Shpg. wt. 5 oz.... $3.75

Drop Leaf Cutters. Must be used together to make drop leaf joint. Can be used separately for special cuts on boards 7/16 to 1-in. thick. 1-in. high; ⅜-in. radius.

B 9 A 2450—Concave Cutter. Shipping weight 4 oz.... $1.90

C 9 A 2451—Convex Cutter. Shipping weight 4 oz.... $1.90

Large size shaper cutters. Precision machined. Accurately ground. Shpg. wt. each 5 oz.

D 9 A 2347—1-inch high; 1¾-inch radius.....$2.80

E 9 A 2346—1-inch high; 1¾-inch radius..... 2.80

F 9 A 2348—1-inch high; 1¾-inch radius..... 2.80

G 9 A 2345—1-inch high; 1¾-inch radius..... 2.80

Small Size Shaper Cutters. Top-quality special alloy steel withstands hard usage. Precisioned machined. Accurately ground to exact dimensions. Hold keen, long-lasting edges even after toughest jobs. Shipping weight 3 ounces.

H 9 A 2319—¼-inch high; ⅜-inch radius.....$1.35

J 9 A 2323—1-inch high; ⅜-inch radius..... 1.90

K 9 A 2321—½-inch high; ⅜-inch radius..... 1.60

L 9 A 2329—1-inch high; ⅜-inch radius..... 1.90

M 9 A 2335—1-inch high; ⅜-inch radius..... 1.90

N 9 A 2327—1-inch high; ⅜-inch radius..... 1.90

P 9 A 2333—1-inch high; ⅜-inch radius..... 1.90

Specialized shaper cutters. ⅜-inch radius. Shipping weight each 3 oz.

R 9 A 2380—Small Picture Frame Cutter. ½-inch high.....$1.90

S 9 A 2395—Large Picture Frame Cutter. 1-inch high..... 1.90

T 9 A 2309—Shoe Molding Cutter 1-inch high..... 1.90

U 9 A 2369—Cupboard Door or Drawer Cutter. 1-inch high $1.90

V 9 A 2376—Beaded Screen Molding Cutter. 1-inch high..... 1.90

W **Set of 5 Shaper Collars.** Mount beneath shaper cutters (above and at left) to control depth of cut on curved work. Fit ½-inch spindle.
9 A 2367—Shpg. wt. 6 oz.....Set $1.95

X **Sash and Door Cutter.** Fits 99 AM 2392 above and former shaper 2381. Use with 2483 adapter (page 35).
9 A 2407—Shpg. wt. 8 oz.....$3.50

Buy on Sears Easy Terms. See page 59.

CRAFTSMAN 6-inch Sander

REG. U.S. PAT. OFF.

Heavy duty . . . designed and built for production work in industry. Operates at any angle from 0 to 90°. 17 9/16 in. long belt table is 6½-in. wide . . . provides over 100 **square inches** of sanding surface. Sands both flat and curved surfaces . . . and grain and small work with 9-in. disc; curved and irregular work with end drums. Sanding disc, table, miter gauge, and fence included.

Adjustable work table can be tilted to any angle from 0 to 45°. Work table transferable from end to side for disc use. Miter gauge fits slot in table.

Exclusive quick-change belt release. Change grit belt table easily in seconds! Lever releases belt tension. Position of sanding belt table easily adjusted. 3-in. diameter drums; one rubber-covered. Tension-adjustment on idler pulley brackets controlled by hand knobs. Drive pulley and idler pulley are slightly lower than belt table surface to prevent gouging of long work. Large self-lubricating bronze bearings. Table and frame of cast semi-steel. With adjustable work table; miter gauge; 9-in. abrasive disc; adjustable stop guard; 6x48 5/16-in. sanding belt; 3-in. machine pulley. For extra sanding discs and sanding belts, see 9A2526 and 9A2167 listed at right.

SPECIFICATIONS:
- Width of belt . . . . . 6 in.
- Circumference of belt . . . . 48 5/16 in.
- Sanding belt table . 6½x17 9/16 in.
- Sanding disc table . . . . . 6½x12 in.
- Diameter of disc sander . . . . . 9 in.
- Bearings . . 4 self-lubricating bronze
- Drum diameter . . . . . 3 in.
- Machine pulley (included) . . . . 3 in.
- Motor pulley (not included . . 2½ in.
- Motor recommended (minimum) ½ H.P. 1750 R.P.M.
- Mounting dimensions . . 7x15 5/16 in.
- Overall . . . . . 11¾x20½x28½ in.

99 A 02235L—CRAFTSMAN 6-inch Belt and Disc Sander as above, without motor, motor pulley, V-belt or bench. Shipping weight 67 lbs. **$50.50**

99 A M2233—CRAFTSMAN 6-inch Belt and Disc Sander as above, with ½-H.P. 1750 R.P.M. capacitor ball-bearing 110–120-volt, 60-cycle A.C. motor, 50x½-in. V-belt and 2½-in. motor pulley. Shipping weight 101 lbs. . . . **$79.50**

99 A 02134K—**Power Tool Bench.** Adjustable. (See page 57 for description.) 4 cross slide-rails included for mounting motor. Shpg. wt. 30 lbs. . **12.50**

DUNLAP 4-inch Sander

REG. U.S. PAT. OFF.

A Ideal for the home workshop. Does flat work with sanding belt; end pulleys can be used as sanding drums for curved and irregular work. Can be used on wood or metal. 3-point mounting. Self-lubricating porous bronze bearings. Cast semi-steel body and table. Simple belt tracking adjustment. Fence adjustable; easily removed. With adjustable stop guard; 4x36-in. medium-grit sanding belt; machine pulley.

SPECIFICATIONS:
- Width of belt . . . . . 4 inches
- Circumference of belt . . . . . 36 inches
- Sanding belt table . . . . . 4⅝x12 inches
- Bearings . . . . . Porous bronze
- Drum diameter . . . . . 2½ inches
- Machine pulley (included) . . . . . 2 inches
- Motor pulley (not included) . . . . . 2 inches
- Motor recommended . . . . ¼ H.P. 1750 R.P.M.
- Mounting dimension . . . . . 5⅜x7 5/16 in.
- Overall . . . . . 6 5/16x9x16 5/8 inches

99 A 02236—DUNLAP 4-in. Belt Sander as above, without motor, motor pulley, V-belt or bench. Shipping weight 19 pounds **$16.95**

99 A T2222K—With ¼-H.P. 1750 R.P.M. bronze-bearing split phase motor (110–120-volt, 60-cycle A.C.); motor pulley; V-belt. Shpg. wt. 43 lbs. **31.25**

99 A 02140K—**Power Tool Bench.** (Described on page 57.) Adjustable. 18 in. long. With 2 slide cross-rails. 2 extra cross slide-rails 9A2016 (described on page 57) needed for mounting motor. Shipping weight 23 lbs. **$10.95**

Belt and Disc Sander Accessories

B **Disc Cement.** Holds sanding discs to metal or wood sanding plates. Non-drying to permit quick and easy change of discs.
9 A 2219—4¾ ounce stick.
Shipping weight 6 ounces **35c**
9 A 2229—16 ounce stick.
Shipping weight 1 lb. 2 oz. **75c**

C **CRAFTSMAN Liquid Cement.** Fastens abrasive discs to metal plates. Holds firm . . settles quickly. Top quality!
9 A 2535—½-pint bottle.
Shipping weight 1 lb. 2 oz. **49c**

D **Abrasive Sanding Discs.** 9-inch diameter. Aluminum oxide on paper. For wood or metal. *State grit.*
9 A 2526—Shpg. wt. per package, 8 oz.
Pkg. 6 fine grit for **69c**
Pkg. 6 medium grit for **69c**
Pkg. 5 coarse grit for **69c**

E **Endless Sanding Belts.** Aluminum oxide on cloth. For sanding wood or metal. *State fine, medium, or coarse grit.*
9 A 2215—4x36 in. Shpg. wt. 4 oz. **59c**
9 A 2167—6x48 5/16-in. Wt. 8 oz. **$1.10**

$10.95
24-inch

Plug-in Portable Fluorescent Work Light

Hooks and Hanging Chains Included

The ideal soft light you need, but seldom get in home work areas. Easy to install . . . no wiring. Screw in ceiling hooks, hang on chains, then plug 3-ft. cord into any 110-120-volt 60-cycle AC wall or ceiling outlet. UL approved. With hooks and chains.

Two 20-watt bulbs (included) give more light than 100 watts incandescent light. If more light is needed, order double size, below. Blue-gray enameled steel. White reflector. 24x11 in. Extends down 22 in., adjusts to 5¾ in. Can be permanently flush mounted also, if desired.
34 A 03746—With 20-w. bulbs. Wt. 8 lbs. **$10.95**

Same, but Double size, 50x11¾ in., with two 40-watt bulbs. Has high power factor.
34 A 03747L—Shpg. wt. 22 lbs. **$17.95**

UL Approved Wiring Boxes, Switches, Outlets

F **Surface Mounting Utility Box.** Fits standard toggle switch or duplex receptacle. Heavy 14-gauge steel. Has ½-inch knockouts for armored or non-metallic cable connectors or for ½-inch conduit. Screws to wall surface. Measures 4x2½x2 inches deep.
34 A 5388—Shpg. wt. 10 oz. . . **26c**

G **Covers for above.** With screws.
34 A 5389—Switch Cover.
Shpg. wt. 3 oz. . . . . Each **13c**

H 34 A 5390—Duplex Outlet Cover. Shpg. wt. 3 oz. Each **13c**

J **Flush Mounting Boxes** for standard switch or receptacle. 14-gauge steel. Adjustable brackets. Removable sides for joining. ½-inch knockouts for armored or non-metallic cable connectors or ½-inch conduit.
34 A 5380—Depth 2 inches. Shallow for old buildings.
Wt. 10 oz. **28c**
34 A 5381—Depth 2½ inches.
Shpg. wt. 10 oz. . . . . Each **29c**

K **Homart Single-pole Toggle Switch.** Extra long-life. "T"-rated. 10-amp., 115-volt. Bakelite body. With screws. Shpg. wt. 4 oz.
34 A 5247—Brown . . . . . Each **37c**
34 A 5256—Ivory color . . . . Each **39c**

L **Homart Duplex Outlet.** Extra long-life. 15-amp., 115-volt. Contacts grip both sides of plug tighter than ordinary. Bakelite body. With screws. Shipping weight 4 oz.
34 A 5245—Brown . . . . . Each **31c**
34 A 5246—Ivory color . . . . Each **37c**

Plastic Wall Plates. With screws.
M **Plate for Toggle Switch** (K).
34 A 5291—Brown. Wt. 1 oz. **10c**
34 A 5301—Ivory color. Wt. 1 oz. **11c**

N **Plate for Duplex Outlet** (L).
34 A 5295—Brown. Wt. 1 oz. **10c**
34 A 5304—Ivory color. Wt. 1 oz. **11c**

P **Homart ¾-in. Plastic Tape.** Our best! This tape does work of rubber and friction tape both.
34 A 5002—30-ft. roll. Wt. 3 oz. . . **69c**
34 A 5003—66-ft. roll. Wt. 5 oz. **$1.25**

"Plug-in" Strips, in 2 lengths

Safe, UL approved metal strips provide separate outlets for each tool, light—eliminate dangerous "octopus" plugs. Fully wired, gray. 3½x¾ in. high. Screw to wall. Attach any extension cord, or install permanently. Shpg. wt. 2 lbs. each.

[R] 34 A 5330—3-ft. strip with 5 outlets **$3.49**
34 A 5331—6-ft. strip with 4 outlets 4.49
[S] 34 A 5332—End Cap. For permanent installations. Has ½-in. KO for connectors. Wt. 4 oz. **65c**

Automatic! Ends fuse changing

Automatic "Mini-Breaker" . . . just push button to restore current. A tiny, permanent Circuit-Breaker that screws in place of regular fuse. Automatically cuts current at once on dangerous overload, yet absorbs harmless temporary overloads from starting power tools. UL approved. Any 110–120-volt A.C. Shipping weight each 2 oz.

34 A 5162—State 15, 20 or 30 amp. Each $1.50. **4 for $5.00**

$1.50
4 for $5.00

SPECIFICATIONS

- Swing over bed . . . . . 9 in.
- Distance between centers . . . . . 30 in.
- Length of bed . . . . . 46¾ in.
- Spindle; inboard end . . . . . ¾-in. x 16 R.H. thread No. 1 Morse, female taper
- Spindle; outboard end . . . . . ¾-in. x 16 L.H. thread
- Spindle speeds . . . . . Four: 875, 1350, 2250, and 3450 R.P.M.
- Spindle bearings . . . . 2 sealed radial thrust ball bearings
- Tailstock taper . . No. 1 Morse, female
- Tailstock ram travel . . . . . 2¾ in.
- Machine pulley (included) . . . . . 4-in. 4-step V-type cone
- Motor pulley (not included) . . . . . 4-in. 4-step V-type Cone
- Motor recommended (min.) . . ½-H.P. 1750 R.P.M.
- Mounting dimensions . 43½x7 7/16 in. (hole centers)
- Overall dimensions: Height 10¼ in.; width 8½ in.; length 50½ in.

CRAFTSMAN "100" Ball-Bearing Lathe

REG. U. S. PAT. OFF.

A By far our finest wood-turning lathe . . . and at the lowest price we know of for this quality! EXTRA HEAVY DUTY CONSTRUCTION throughout . . . designed and built to meet the rigid requirements of industry. Now being used in many large professional woodworking shops.

9-inch swing . . . 30 inches between centers . . . 46¾-inch bed. Extra heavy cast semi-steel construction reduces vibration! Even under heavy cuts on high speeds it operates with exceptional smoothness and accuracy. Massive bed is rigid . . . well braced. Three-point mounting helps eliminate twist and strain. All parts are machined to precision tolerances for greater accuracy and dependability.

Two sealed precision radial thrust ball bearings in headstock—double-shielded and lubricated for life . . . give almost limitless service. Protected against dirt and grit. Assure longer life . . . greater security. . . Smoother operation!

No. 1 Morse Female taper in both headstock and tailstock. Easy to use with work arbor, drill chuck, etc. Removable cover on outboard end of headstock spindle; permits outboard turning of larger diameter work without reversing motor. Spring loaded indexing pin for use in fluting. Convenient location of tail stock lock and tailstock ram lock. No wrench needed to adjust tool rest height.

Can be driven from rear or below. Attractive rust-resisting gray enamel finish. Comes complete with tool rest, spur, and cup centers, wrench (for both tool-rest slide and tailstock), 4-inch 4-step machine pulley, giving 4 speeds (875 to 3450 R.P.M.); and ½x44-inch V-belt. Lathe bed extension not included (See 99A02488 listed and described below.)

99 AM 2307—Without motor, motor pulley or lathe bed extension. Shipping weight 76 pounds **$48.50**

99 AM 2195—As above, but with DUNLAP ½-H.P. split phase 1750 R.P.M. 110-120-volt 60-cycle A.C. motor and pulley. Shipping weight 103 pounds **$65.50**

B 99 A 02488—**18-in. Lathe Bed Extension.** Exceptionally handy when you're doing extra long turning, such as table legs, bed posts, lamp standards, etc. Increases the distance between centers up to four feet. Heavy cast semi-steel; one-piece construction. Ribbed and reinforced like lathe bed. Designed for use with above lathe and our earlier model 103.2318. Shpg. wt. 19 lbs. **$9.95**

C 9 A 2920—**"The Wood Lathe" Instruction Book.** Fully illustrated. 32 pages, 230 illustrations. Describes over 150 lathe operations; tells how to mount attachments, etc. Shipping weight 2 ounces **25c**

D **CRAFTSMAN 5-pc. Wood-turning Chisel Set.** Polished 4-in. tempered vanadium steel blades. 8-in. smooth hardwood handles; heavy ferrules. Length 13 in. Includes: ½-in. gouge; ½-in. spear point chisel; ½-in. round nose chisel; ½-in. parting tool; ½-in. skew chisel.
9 A 2855—In box. Shpg. wt. 2 lbs. 4 oz. . . . . Set **$7.75**

Individual CRAFTSMAN Wood-turning Chisels. Same quality as in 9 A 2855 (listed above).

[E] 9 A 2850—Gouge, ¼-in. wide. Shpg. wt. 10 oz. . . **$1.90**
[F] 9 A 2851—Gouge, ½-in. wide. Shpg. wt. 11 oz. . . $2.00
[G] 9 A 2852—Gouge, ¾-in. wide. Shpg. wt. 13 oz. . . 2.25
[H] 9 A 2854—Spear Point Chisel, ½-in. wide. Shipping weight 11 ounces **$1.45**

J 9 A 2858—Parting Tool, ½-in. wide. Shipping weight 11 ounces **$1.85**

[K] 9 A 2862—½-in. Skew Chisel. Shpg. wt. 11 oz. . . . $1.55

L 9 A 2856—Round Nose Chisel, ½-in. wide. Shipping weight 11 ounces **$1.55**
[M] 9 A 2863—1-in. Skew Chisel. Shpg. wt. 11 oz. . . . **$1.70**

N **CRAFTSMAN 4-pc. Carbide-tipped Turning Chisel Set.** Special steel blades tipped with tough, long-life carbide . . . stays sharp up to 20 times longer than ordinary edges! Easily sharpened. Rugged hardwood handles. For working wood, plastic, aluminum, and brass.
9 A 3629—*Complete set as listed individually below.* Shipping weight 2 pounds 6 ounces **$11.30**
9 A 3624—¼-in. Parting Tool. Shpg. wt. 8 oz. $2.55
9 A 3625—½-in. Round Nose Chisel. Shpg. wt. 11 oz. . . 2.98
9 A 3626—¾-in. Skew Chisel. Shpg. wt. 10 oz. 3.29
9 A 3627—½-in. Gouge. Shpg. wt. 11 oz. 3.29

P **Work arbor with 3-jaw, ½-in. Drill Chuck.** Chuck and ½-in. x 20-thread arbor with steel flanges. Fits any lathe with ½ or ⅝-in. unthreaded straight spindle. Fastens with 2 set screws. *State whether for ½ or ⅝-in. spindle.*
9 A 2151—Shipping weight 1 pound 10 oz. **$2.00**

R **CRAFTSMAN General-Purpose Work Arbor.** Carbon steel, 4 in. long. 2⅜-in. spindle has ½-in. x 20 thread. Steel flanges. 2 set screws. *Please state whether for ½ or ⅝-in. bore.*
9 A 2164—Shipping weight 12 ounces **$1.20**

Lathe Centers. For any lathe with ⅝-in. straight spindle. Fastens with 2 set screws. Replaceable point.
[S] 9 A 2105—**Headstock Spur Center.** Shpg. wt. 6 oz. . . . 95c
[T] 9 A 2102—**Tailstock Cup Center.** Shpg. wt. 6 oz. . . . 95c

[U] **Face Plate.** Cast iron. For any lathe with ⅝-in. straight unthreaded spindle. 4-in. diam. Set screw.
9 A 2320—Shipping weight 1 lb. 5 oz. **$2.25**

V **20-in. Tool Rest.** For 99 A M2307 lathe above. Cast semi-steel; machined and finished. Height adjustable. Comes with one bed bracket.
9 A 2316—Shipping weight 7 lbs. 6 oz. **$5.25**

W **Sanding Plates.** Cast iron construction. Fitted with sandpaper.
9 A 2491—8-in. For 99 A M2307 above, or any lathe with ¾ in. x 16 R.H. thread. Wt. 2 lbs. 8 oz. . . . **$4.60**
9 A 2341—8-in. For any lathe with ⅝-in. straight unthreaded spindle. Shipping weight 2 pounds 3.95

X **Face Plates.** Cast iron. For 99 A M2307, or any lathe with ¾-in. x 16-thread spindle. Comes with set screw. Shipping weight each 2 pounds.
9 A 2489—4-in. diameter. For inboard turning **$2.45**
9 A 2490—8-in. diameter. For inboard turning **$3.80**
9 A 2492—8-in. diameter. For outboard turning 3.95

Y **Face Plate.** 3-in. diam. With spurs, removable center, and screw center. For 99 A M2307 above, or any lathe with ¾-in. x 16-thread spindle.
9 A 2091—Shipping weight 1 lb. 12 oz. **$2.00**

Z **Work Arbor with Chuck.** 3-jaw screw-on type chuck. ½-inch capacity; tapped ½-inch x 20-thread. No. 1 Morse taper on shank.
9 A 2234—Shipping weight 1 lb. 8 oz. **$2.00**

AA **Work Arbor.** ½ in. x 20-thread. 2 steel flanges; nut on head end for clamping wheels. No. 1 Morse taper.
9 A 2153—Shipping weight 9 oz. **$1.15**

BB **Jacobs-type Chuck Arbors.** Precision ground. *Postpaid.*
9 A 2123—Fits 9 A 2142 and 9 A 2143 chucks (listed on page 27). Has No. 1 Morse taper and No. 33 Jacobs taper. (Shipping weight 10 oz.). *Postpaid* **$1.00**
9 A 2154—Fits chucks 9A2129, 9A2144, 9A2991. Has No. 1 Morse taper and No. 3 Jacobs taper. (Shpg. wt. 12 oz.) *Postpaid* **$1.00**

CC **Screw Center.** Replaceable center. No. 1 Morse taper on shank end.
9 A 2116—Shipping weight 12 oz. **$1.65**

DD **Precision Ball-bearing 60-degree Center.** Center point rotates on ball bearing. No. 1 Morse taper shank.
9 A 2112—Shipping weight 8 oz. **$2.90**

EE **Spur Center.** Accurately ground. No. 1 Morse taper on shank end.
9 A 2106—Shipping weight 4 oz. **$1.10**

FF **Tailstock Cup Center.** No. 1 Morse taper. Replaceable center point.
9 A 2100—Shipping weight 3 oz. **$1.10**

GG **60-degree Center.** No. 1 Morse taper on shank end.
9 A 2110—Shipping weight 3 oz. **90c**

HH **CRAFTSMAN 4-jaw Independent Lathe Chuck.** For lathe with ¾-in. x 16-thread spindle. 4-in. diameter. Four reversible drop-forged jaws; work independently. T-handle wrench.
9 A 2156—Shpg. wt. 3 lbs. 10 oz. **$9.50**

Designed, built, and priced for tool makers, model makers and hobbyists. Guaranteed accurate within 1/1000 inch!

Accessories shown above, and operating instructions are included

$148.00 CASH
Without motor

$15.00 DOWN . . ON EASY TERMS

See inside back cover for complete details

CRAFTSMAN
REG. U.S. PAT. OFF.

6-inch Swing Lathe

A beauty of a buy! Designed, built and priced for tool makers, model makers and hobbyists. It will give you precision performance on a wide variety of jobs.

Full 6-inch swing . . . 18 inches between centers . . . 30-inch bed. Massive, one-piece, cast semi-steel bed; precision ground. Carriage has hand wheel for manual operation and feed lever for reversible automatic power feed. Tailstock has set-over for taper turning.

Cuts 8 to 96 threads per inch, right or left hand. Back gears give 16 speeds from 54 to 3225 R.P.M. Graduated compound rest swivels 360°. Complete with 2-step motor pulley, 4-step machine pulley, 4-step countershaft, two 60-degree centers, 3/16-in. tool bit, 9 threading gears, 3/4-in. lathe dog, 5/8-in. V-belt, Allen wrench, 4-in. face plate and two wrenches.

SPECIFICATIONS:

- Swing over bed ..... 6 inches
- Distance between centers ..... 18 inches
- Spindle: Nose ..... 1 inch x 8 thread
  Taper ..... No. 2 Morse
  Bore ..... 13/32 inch
- Spindle bearings . . 2 porous bronze; 1 ball thrust
- Thread range ..... 8 to 96, right or left hand
- Feeds ..... Four: .0024, .0039, .0048 and .0078
- Back gear ratio ..... approximately 6 1/2 to 1
- Countershaft and back gear bearings ..... 4 porous bronze
- Swing over carriage ..... 4 1/2 inches
- Compound rest travel ..... 1 3/4 inches
- Cross slide travel ..... 4 3/4 inches
- Tailstock taper ..... No. 1 Morse
- Tailstock ram travel ..... 1 3/4 inches
- Tailstock set-over ..... 9/16 inch
- Motor recommended, (minimum) ..... 1/4 H.P. 1750 R.P.M.
- Machine pulley (included) 4-step
- Motor pulley (included) 2-step
- Mounting dimensions ..... 4 3/4 x 27 15/16 inches
- Over-all dimensions: Height 10 1/4 inches; width 21 1/2 inches; length 33 1/2 inches

Comes with instructions, and accessories shown above.

9 A M2048—Without motor.
Shipping weight 102 pounds **$148.00**

Metal Lathe Manual

A A complete, up-to-date, illustrated manual of metal lathe operations and machinists' tables. Easy-to-follow directions on the construction of the metal lathe. An ideal book for students, apprentices, machinists and experienced lathe operators. Filled with actual photographs and pen and ink drawings. Each section separated by index tabs for convenience. Paper bound; spiral back, 234 pages. Shipping wt. 11 ounces.
9 A 2925 ..... **$1.50**

Tool Holders

Fit 99 A M2048 lathe above. Special drop forged steel, expertly heat treated and hardened.

B 9 A 2031—Threading Tool. Shpg. wt. 9 oz. . . **$4.95**

C 9 A 2033—Straight Tool Holder. No bit.
Shpg. wt. 4 oz. **$2.30**

D 9 A 2034—Right Hand Tool Holder. No bit.
Shpg. wt. 4 oz. **$2.30**

E 9 A 2035—Left Hand Tool Holder. No bit.
Shpg. wt. 4 oz. **$2.30**

F 9 A 2037—Cut-off Tool.
Shpg. wt. 7 oz. **$2.85**
9 A 2009—Extra Cut-off blade. Wt. 4 oz. **95c**

G 9 A 2036—Knurling Tool.
Shpg. wt. 9 oz. **$5.75**

Formed Tool Bit Set

H Six-piece set of 3/16-inch tool bits. High speed tool steel; ground, ready to use. Set includes threading bit, left-hand facing bit, left-hand turning bit, right-hand turning bit, right-hand facing bit, and round nose turning bit.
9 A 2043—Shpg. wt. 3 oz. **$2.20**

Tool Post Set

J High speed tool steel. Tools mount directly in tool post. Set includes 4 boring bars, internal threading tool, external threading tool, external turning tool, and set of tool post spacers for height spacing. Shipping weight 1 pound.
9 A 2038 ..... **$9.75**

CRAFTSMAN precision made Lathe Chucks

K **CRAFTSMAN 3-jaw universal type.** Self-centering, lever-operated . . . only two main parts, body and scroll. Ideal for production work. Holds tolerances to within .003 in. Steel jaws; steel body and scroll. Knurled rim. Fits the 99 A M2048 lathe above, or any 1-in. x 8-thread spindle. Diameter 4 in. Two sets of jaws; one for outside, one for inside gripping. With wrench. Shipping weight 6 pounds 5 ounces.
9 A 2297 ..... **$27.50**

L **3-jaw universal type.** Jaws controlled by single screw and pinion gear . . . speedy gripping . . . self-centering . . . ideal for production work. Extra-strong semi-steel body casting. Special alloy metal scroll; alloy steel pinion. Alloy steel jaws. Fits the 99 A M2048 lathe above, or any 1-inch x 8-thread spindle. 4 inch diameter. Has two sets of jaws (outside and inside). With T-handle chuck wrench. Shipping weight 5 pounds 3 ounces.
9 A 2148 ..... **$33.25**

M **4-jaw independent type.** For average shop needs. Special alloy steel body has wide, deep jaw slots. Four reversible jaws work independently; increase usefulness when working on irregular shaped pieces. Large diameter jaw screw. Acme threaded. Fits 99 A M2048 lathe above, or any 1-in. x 8-thread spindle. Diameter 4 in. With T-handle chuck wrench; fits deep seat. Shipping weight 3 pounds 12 ounces.
9 A 2138 ..... **$9.50**

Accessories for CRAFTSMAN 6-inch Swing Lathe . . make it more useful

A **Spur Centers.** Use for wood turning.
9 A 2106—No. 1 Morse taper shank. Shipping weight 4 oz. **$1.10**
9 A 2107—No. 2 Morse taper shank. Shipping weight 7 oz. **1.20**

B **Screw Centers.** For facing and hollowing operations. Replaceable center.
9 A 2116—No. 1 Morse taper shank. Shipping weight 12 oz. **$1.65**
9 A 2115—No. 2 Morse taper shank. Shipping weight 14 oz. **1.70**

C **60-degree Centers.** For metal turning.
9 A 2110—No. 1 Morse taper shank. Shipping weight 3 oz. **90c**
9 A 2111—No. 2 Morse taper shank. Shipping weight 7 oz. **$1.00**

D **Precision ball bearing 60-degree Center.** (Center point rotates on ball bearing.) For high speed operations.
9 A 2112—No. 1 Morse taper shank. Shipping weight 8 oz. **$2.90**
9 A 2113—No. 2 Morse taper shank. Shipping weight 8 oz. **2.90**

E **Tailstock Cup Centers.** Supports work in tailstock. Replaceable center point.
9 A 2100—No. 1 Morse taper shank. Shpg. wt. 3 oz. **$1.10**
9 A 2101—No. 2 Morse taper shank. Shpg. wt. 7 oz. **1.20**

F **Center Drill.** Combination drill and countersink. In 3/32 or 1/8-in. size. *State size wanted.*
9 A 2061—Shpg. wt. 1 oz. **49c**

G **Adapter Sleeve.** No. 2 Morse taper reduces to No. 1 Morse taper. Shpg. wt. 5 oz.
9 A 2161. . . . . **$1.95**

H **Face Plate.** Use for driving lathe dog and work for wood turning. 4-in. diameter. For use on 99AM2048 lathe (on opposite page) and other lathes with 1-in. 8-thread spindle. Shipping weight 3 lbs.
9 A 2470. . . . . **$3.25**

J **Work Arbor.** For mounting chucks and holding grinding, buffing and wire scratch wheels, etc. 1/2-in. x 20-thread. 2 steel flanges with nut on head end for clamping wheels. Morse taper shank.
9 A 2152—No. 2 Morse taper shank. Shipping weight 11 ounces. **$1.20**
9 A 2153—No. 1 Morse taper shank. Shipping weight 9 ounces. **1.15**

K **Work Arbor with Chuck.** 3-jaw, screw-on type chuck, tapped 1/2-in. x 20-thread; 3/8-in. capacity. Work arbor has Morse taper on shank end.
9 A 2247—No. 2 Morse taper with chuck and arbor. Shipping weight 1 pound 8 ounces. **$2.10**
9 A 2234—No. 1 Morse taper with chuck and arbor. Shipping weight 1 pound 8 ounces. **2.00**

L **Reversing Switch.** Reverses motor and spindle direction in grinding, polishing, tapping, wood or metal finishing. Not for repulsion-induction motors.
9 A 2982—Shipping weight 1 lb. 9 oz. **$5.75**

M **Steady Rest.** Base clamps securely to bed ways. Gives added support needed when turning long pieces. Handles diameters up to 2 3/4 inches.
9 A 2041—Shipping weight 3 lbs. 4 oz. **$7.60**

N **Holding Collet.** This attachment fits in the headstock spindle; will hold threaded-hole angular milling cutters, keyway cutters and 1/2-inch end mills. Shipping weight 1 lb. 10 oz.
9 A 2059. . . . . **$7.80**

P **Milling Attachment.** Has graduated swivel vise, flat block and V-block for holding cylindrical objects. Vise capacity 2 inches; vertical feed 1 3/4 inches. Graduated angular swivel. Shipping weight 8 lbs. 12 oz.
9 A 2057. . . . . **$25.25**

R **Follower Rest.** Mounts on back of carriage dovetail slide . . . moves with cutting tool to provide support needed to prevent deflection when turning long, slender work. Shipping weight 1 pound 9 ounces.
9 A 2042. . . . . **$5.50**

Accessories for 6-inch Swing Lathe

S **Mica Undercutter.** For reconditioning armatures. Mounts on carriage cross slide. With 110–120 volt 25–60 cycle A.C. or D.C. motor. Cord, switch, and 5 high speed saws included (.015, .020, .025, .030, .035 in.).
9 A 1518F—Shipping wt. 9 lbs. **$47.50**
9 A 1519F—Set of 10 High Speed Saws. 2 of each of above. Shpg. wt. 2 oz. **$4.75**

T **Boring Tool Holder.** With clamp ring, V-block, plain block, and 3/8-in. high speed boring tool. Slots hold boring tools of 3/16, 1/4, 3/8 and 5/8-in. diameter.
9 A 1515F—Shipping wt. 1 lb. **$4.95**
Accessories S, T, U, V, W, X, shipped from factory in southern Michigan.

U **Taper Attachment.** Slotted draw bar connects to carriage cross slide and feeds tool at desired taper. Index plate graduated 7° and 3 in. both sides of center line. Maximum travel, one setting, 7 3/4 in. Range, right or left, 7° (2 1/16 in. per foot).
9 A 1516F—Shpg. wt. 4 lbs. 8 oz. **$27.00**

V **Clamp Dog.** Handles square, rectangular, hexagonal, round work. Jaws open 2 1/4 in.
9 A 1512F—Shipping wt. 1 lb. **$5.95**

W **Cross Slide Stop.** Clamps to cross slide dovetail for making duplicate cuts.
9 A 1517F—Shipping wt. 8 oz. **$4.50**

X **Carriage Stop.** Clamps to bedway of 6-in. and 12-in. lathes.
9 A 2185F—Shipping wt. 1 lb. **$6.25**

CRAFTSMAN "80" Power Hack Saw

Cuts accurately unattended! Draw-cut type; automatic relieving mechanism lifts blade from work on back stroke. Saws iron, steel, brass, aluminum, etc. 5-in. stroke; 60 strokes per minute, at 400 R.P.M. Heavy cast iron vise; quick locking. Cast semi-steel slide and arm. Cone type arm pivot; adjustable. Takes any standard 12-inch power hack saw blade (one included).

SPECIFICATIONS:

- Capacity, maximum . . . . . 4x4 inches
- Angle cuts . . . . . 90 to 45 degrees
- Bearings . . . . . porous bronze
- Machine pulley (included) . . . . 6 1/2-in.
- Motor pulley (not included) . . 1 1/2-inch
- Motor recommended, min. 1/2 H.P.
- Base size. . . . . 6x24 inches
- Mounting dimensions . . . 5 1/2 x 19 1/2 in.

99 A 02294L—Without motor, motor pulley, or V-belt. Shpg. wt. 57 lbs. . **$54.95**
99 A 72282L—With 1/2-H.P. 1750 R.P.M. split phase bronze bearing motor for 110–120 volt 60-cycle AC; 1 1/2-in. motor pulley, 1/2-in. V-belt. Wt. 82 lbs. **$70.90**
CRAFTSMAN 12-inch Power Hack Saw Blades. Special tool steel. 3/4-in. wide. 14 or 18 teeth per inch. *State teeth per inch.*
9 A 6582—Shipping weight 3 ounces. . . **2 for $1.25**

CRAFTSMAN Metal Lathe . . Equipped with TIMKEN

REG. U.S. PAT. OFF.

$265.00 CASH

99 A M2075

$26.50 DOWN

Famous TIMKEN tapered roller bearings . . . maintain spindle alignment, absorb thrust, assure smooth operation. Particularly desirable on production work where high speed counts.

Our finest

* Back-geared, screw cutting and guaranteed accurate to 1/1000 inch
* Built to meet the requirements of master craftsmen and industrial shops

[A] This great CRAFTSMAN Lathe is by far the finest we have ever sold. Because of its extra heavy duty design and its superb precision construction, it cuts accurately to within 1/1000 inch even after years of service.

Two more very important features: (1) Reversible power cross feed makes facing work faster and easier. (2) Hinged guards completely cover headstock and motor drive pulleys for utmost safety. Husky back gears make slow speeds and extra power available for heavy cuts. Headstock has indexing device so work can be evenly divided or fluted. Countershaft is part of lathe; complete with motor mounting. Reinforced cast semi-steel bed; precision ground ways. Tailstock has center ejector and coordinate ram lock. V-belt drive has adjustable belt tension and release lever.

Heavy semi-steel carriage has adjustable gibs and reversible longitudinal feed. Threading dial supplied. Cuts metric and standard threads. Compound rest swivels, locks at any angle; one-degree graduations from 0 to 180°. With tool post wrench, threading gears, 2 centers, Allen wrench, motor pulley, belt, 234-page illustrated lathe manual.

99 A M2075—Lathe only. 24 in. between centers; 45 in. long. Shpg. wt. 285 lbs. **$265.00**
99 A M2743—Same as 99AM2075 above, but with quick-change gear attachment (see below). Shipping weight 300 lbs. **$335.00**
99 A M2079—Lathe only. 36 in. between centers; 57 in. long. Shpg. wt. 300 lbs. **$295.00**
99 A M2744—Same as 99AM2079 above, but with quick-change gear attachment (see below). Shipping weight 315 lbs. **$365.00**

[B] **Quick-Change Gear Attachment.** Fits CRAFTSMAN lathes with model numbers 101.07360; 101.07361; 101.07362; 101.07363; 101.07380; 101.07381; 101.07382; 101.07383; 101.07400; 101.07401; 101.07402; 101.07403. Replaces change gear assembly; gear box bolts to bed, and support bracket to countershaft bracket bolt. Provides instant selection of 54 threads or feeds; between .0042 and .250 in. per revolution of spindle, and all threads right or left hand from 4 to 240 in the following standards: National Coarse (USS), National Fine (SAE), Acme, Square and Whitworth. Mounts quickly; no drilling or tapping necessary.
99 A 02014K—Shpg. wt. 38 lbs. **$82.75**

234-page Manual of Lathe Operation is included with these CRAFTSMAN Metal Turning Lathes

High-Quality Accessories for the CRAFTSMAN Metal-Turning Lathe Above

Tool Holders. Steel forgings. Shanks ¾ in. high; ⅜ inch wide.
[C] 9 A 2194—Offset, left. Wt. 10 oz. . **$2.40**
[D] 9 A 2192—Offset, right. Wt. 10 oz. . **$2.40**
[E] 9 A 2196—Straight. Wt. 10 oz. . . . 2.40
[F] 9 A 2198—Threading. Wt. 10 oz. . . 4.98
[G] 9 A 2200—Cut-off. Wt. 10 oz. 3.15
9 A 2238—Extra blade. Wt. 4 oz. 90c
[H] 9 A 2202—Knurling tool. Wt. 10 oz. 5.95

[J] **Six Formed Tool Bits.** ¼-in. Fit holders above. Threading, left hand facing, right hand facing, round nose turning, right hand turning and left hand turning bits.
9 A 2205—Shpg. wt. 5 oz. **$2.25**

[K] **5-pc. Carbide-tipped Tool Bit Set.** ¼ in. size. 60° thread bit, general-purpose bit, left hand and right hand lead angle bits, broadnose bit. For lathes above. In plastic box.
9 A 2252—Shpg. wt. 4 oz. **$4.95**

[L] **Tool Post Set.** Includes 4 boring tools (5/16, ¾, 5/16 and ⅝ inch); ¾-inch inside threading tool; ⅝-inch turning tool; ⅝-inch threading tool; set of tool post spacers.
9 A 2189—Shpg. wt. 1 lb. 1 oz. **$10.50**

[M] **Face Plates.** Excellent for work which cannot be machined on center or in chuck and must be turned on spindle with face plate.
For lathe with 1½-in. 8-thread spindle.
9 A 2471—4-in. Shpg. wt. 3 lbs. **$3.25**
9 A 2475—8-in. Shpg. wt. 6 lbs. **$5.75**
For lathes with 1-in. 8-thread spindle.
9 A 2470—4-in. Shpg. wt. 3 lbs. **$3.25**
For lathes with ⅝-in. 16-thread spindle.
9 A 2473—8-in. Shpg. wt. 6 lbs. **$5.25**

[N] **Lathe Dog.** Malleable iron. ½, ¾, 1 or 1½ in. size. **State size wanted.**
9 A 2078—Shpg. wt. 14 oz. **50c**

[P] **Lathe Dog.** Forged steel. Heat treated set screw. Shpg. wt. each 1 lb.
9 A 2183—**State size wanted.**
½-in. **$1.00** 1-in. . . . $1.45
¾-in. $1.25 1½-in. . . 1.60

[R] **Mica Undercutter.** Screw feed regulates height of cutter. Carriage feed moves cutter into commutator slot. Motor, switch, cord, set of 5 undercutting saws. 110–120-volt, 25–60 cycle AC-DC. Wt. 11 lbs.
9 A 2989. . . . . **$47.95**
9 A 1519F—**Set of 10 high Speed Saws.** For use with 9A2989 above. Wt. 2 oz. **$4.75**
Shipped from factory in Southern Michigan.

[S] **CRAFTSMAN 4-Jaw Independent Chuck.** Four reversible jaws work independently. Acme threaded. T-handle chuck wrench.
9 A 2139—Fits 1½-in. 8-thread spindle. Diameter 6 in. Shpg. wt. 9 lbs. 10 oz. . . **$18.25**
99 A 02141K—Fits 1½-in. 8-thread spindle. Diameter 8 in. Shpg. wt. 25 lbs. . . . **29.95**

[T] **CRAFTSMAN 3-jaw Universal Chuck.** Two sets of jaws; one for outside and one for inside gripping. Wrench included.
9 A 2298—Fits 1½-in. by 8-thread spindle. Diameter 5 in. Shpg. wt. 10 lbs. . . . **$32.50**
99 A 02299—Fits 1½ by 8-thread spindle. Diameter 6 inches. Shpg. wt. 15 lbs. **43.95**

[U] **CRAFTSMAN 3-jaw Universal Chuck.** Pinion gear type. Two sets of jaws (outside and inside). Square socket chuck wrench included.
9 A 2150—Fits 1½-in. by 8-thread spindle. Diameter 5 in. Shpg. wt. 6 lbs. 11 oz. **$40.00**

Accessories shown on these two pages can be used on above Lathe, and also on our previous models 2065, 2067, 2069, 2071, 2073 and 2077

roller bearings

SPECIFICATIONS:	99 A M2075	99 A M2079
• Swing over bed	12¾ inches	12¾ inches
• Distance between centers	24 inches	36 inches
• Spindle, Nose size	1¼ in.; 8 thread	1¼ in.; 8 thread
Taper	No. 2 Morse	No. 2 Morse
Bore	25/32 inch	25/32 inch
• Spindle bearing	2 Timken roller	2 Timken roller
• Thread range	4 to 96 R.H. or L.H.	4 to 96 R.H. or L.H.
• Feeds	Five: .0024; .0035; .005; .0071; and .0087	
• Back gear ratio	Approx. 6 to 1	Approx. 6 to 1
• Countershaft and back gear bearings	4 porous bronze	4 porous bronze
• Swing over carriage	8⅝ inches	8⅝ inches
• Compound rest travel	2 9/16 inches	2 9/16 inches
• Cross feed	Reversible; power feed	Reversible; power feed
• Tailstock taper	No. 2 Morse taper	No. 2 Morse taper
• Tailstock set over	¾ inch	¾ inch
• Machine pulley (included)	6-inch 4-step	6-inch 4-step
• Motor pulley (included)	4½-inch 2-step	4½-inch 2-step
• Speeds...(Sixteen)	28 to 2072 R.P.M.	28 to 2072 R.P.M.
• Motor recommended (minimum)	½-H.P. 1750 R.P.M.	½-H.P. 1750 R.P.M.
• Over-all dimensions	Height 20 inches	20 inches
	Width 25½ inches	25½ inches
	Length 45 inches	57 inches

Lathe Centers and other Accessories

S Spur Center. Use for wood turning. No. 2 Morse taper.
9 A 2107–Wt. 7 oz. **$1.20**

T Screw Center. Use for facing and hollowing. Replaceable center. No. 2 Morse taper.
9 A 2115–Wt. 14 oz. **$1.70**

U Precision ball bearing 60-degree Center. For high speeds. Center point rotates on ball bearing. No. 2 Morse taper.
9 A 2113–Wt. 8 oz. **$2.90**

V 60-degree Center. Precision ground. No. 2 Morse taper.
9 A 2111–Wt. 7 oz. **$1.00**

W Tailstock Cup Center. Supports work. Ground and hardened steel. Replaceable center point. No. 2 Morse taper.
9 A 2101—Wt. 7 oz. **$1.20**

X Crotch Center. Centers round work in tailstock for cross drilling. V-slot is precision machined. No. 2 Morse taper.
9 A 2114—Wt. 1 lb. **$1.70**

Y Drill Pad. Used in tailstock for support when drilling flat or square work. Diam. of face is 3 1/8 in. No. 2 Morse taper. Wt. 1 lb. 2 oz.
9 A 2187 **$1.75**

Z Center Drill. Tempered steel. In 3/32 or ⅛-in. size. *State size.*
9 A 2061—Wt. 1 oz. **49c**

AA Adapter Sleeve. To reduce from No. 2 to No. 1 Morse taper. Shpg. wt. 5 oz.
9 A 2161 **$1.95**

BB Work Arbor. ½-in. x 20 thread. No. 2 Morse taper.
9 A 2152—Wt. 11 oz. **$1.20**

CC Work Arbor with Chuck. 3-jaw; tapped ½-in. x 20 thread. ½-in. capacity. No. 2 Morse taper. Wt. 1 lb. 8 oz.
9 A 2247 **$2.10**

Lathe Accessories . . Tool Post Grinder

A Holding Collet. For use on straight shank milling cutters. With two arbors; one to take threaded hole angular cutters, etc. Hand wheel. Wt. 2 lbs. 8 oz.
9 A 2994 **$8.85**

9 A 2985—Four bushings for use with ¼, 5/16, ⅜, and 7/16 inch end mills. Shpg. wt. 4 oz. **$2.60**

B Taper Attachment. Eliminates moving tailstock out of alignment. Cuts duplicate tapers on pieces of different lengths. Does internal boring and external work easily. The index plate is graduated 7 degrees and 3 inches both sides of center line; equals 2 15/16-in. taper per foot. Wt. 11 lbs.
9 A 2984 **$28.75**

C Milling Attachment. Has graduated swivel vise, flat block and V-block for holding cylindrical objects. Vise capacity 2⅜-in. Vertical feed 3⅜-in. Cross feed 5-in. Graduated micrometer feed screw. Wt. 18 lbs.
99 A 02987 **$31.95**

D Follower Rest. Mounts on back of carriage dovetail slide; provides support for more accuracy on long work.
9 A 2988—Shipping weight 3 lbs. 4 oz. **$6.95**

E Steady Rest. Clamps to bed ways. Gives needed support for turning long pieces. Handles diameter to 2⅞-in. Complete with extra jaws.
9 A 2050—Shipping weight 6 lbs. 6 oz. **$10.25**

F Reversing Switch. Not for repulsion-induction motors. For 99AM2048 (page 22), 99AM2075 and 99AM2079 (page 24).
9 A 2982—Shipping weight 1 lb. 9 oz. **$5.75**

G Universal Tool Post Grinder. Mounts on tool post slide of compound rest. 2 speeds; 2900, 9100 R.P.M. With ¼-H.P. 3450-R.P.M. ball bearing motor (110-volt 60-cycle A.C.), external and internal grinding wheels, quill, diamond wheel dresser. Shipped from factory in central Michigan.
99 A 2998F—Shipping weight 60 lbs. **$89.00**

Grinding Wheels (not shown) for Universal Tool Post Grinder 99A2998F listed above. Medium grit.
9 A 1501F—External Wheel for steel. ⅜-in. thick; 4-in. diameter. Shipping weight 1 lb. **$2.65**
9 A 1502F—External Wheel for cast iron. ⅜-in. thick; 4-in. diameter. Shipping weight 1 lb. **$2.65**
9 A 1603F—Internal Wheel. Grind to depth of 2⅜-in. ⅜-in. diameter. Shipping weight 2 oz. **$1.15**
9 A 1504F—Internal Wheel. Grind to depth of 2⅜-in. ½-in. diameter. Shipping weight 3 oz. **$1.15**
9 A 1505F—Internal Wheel. Grind to depth of 2⅜-in. ¾-in. diameter. Shipping weight 3 oz. **$1.20**
9 A 1506F—Internal Wheel. Grind to depth of 2⅜-in. 1-in. diameter. Shipping weight 3 oz. **$1.35**

Chucks and Milling Cutters

H Jacobs Commutator Kit. To hold armature shafts during reconditioning. Includes: No. 75A armature driving chuck; No. 100 center rest chuck (¼ to ⅜-in. capacity); two arbors (No. 2 Morse taper, shank end; No. 3 Jacobs taper, head end); chuck key. In metal box.
9 A 2129—**Postpaid** (Shpg. wt. 7 lbs. 4 oz.) **$22.60**

J Drill Chucks. For No. 33 Jacobs taper arbor.
9 A 2142—**Key-type chuck.** Capacity 3/64 to ½-in. **Postpaid** (Shpg. wt. 1 lb. 8 oz.) **$7.50**
9 A 2143—Key-type chuck. Capacity 0 to ½ inch. **Postpaid** (Shpg. wt. 2 lbs. 8 oz.) **8.00**

K Headstock Chucks. Nationally famous.
9 A 2144—½ to ⅝ inch. Fits 1½-in. 8-thread spindle. Use with No. 3 Jacobs taper arbor. **Postpaid** (Shpg. wt. 3 lbs. 12 oz.) **$16.50**
9 A 2121—3/16 to ⅝ in. Fits only 1½-in. 8-thread spindle. Can't be used with an arbor. **Postpaid** (Shpg. wt. 5 lbs. 8 oz.) **$19.75**

L Center Rest Chuck. Cap., ¼ to ⅜ in. Use with No. 3 Jacobs taper arbor.
9 A 2991—**Postpaid** (Shpg. wt. 3 lbs. 2 oz.) **$11.00**

M Chuck Arbors. Precision ground. Accurate. **Postpaid** (Shipping weight each 14 ounces).
9 A 2124—To fit 9A2142 and 9A2143 chucks above. No. 2 Morse taper and No. 33 Jacobs taper **$1.00**
9 A 2126—To fit 9A2129, 9A2144 and 9A2991 chucks above. No. 2 Morse taper and No. 3 Jacobs taper **$1.00**

Chuck Keys (Not Illustrated).
9 A 2054—Fits following Jacobs chucks: Nos. 32, 32B, 32BB, 33, 33B, 33BB, 9, 11, 11N, 381. **Postpaid** (Shpg. wt. 7 oz.) **50c**
9 A 2052—Fits Jacobs chucks; Nos. 3, 3A, 3B, 3AE, 6, 6A-2A, 6A-33, 6B, 6AE, 14, 14N, 34, 34B, 54B, 55B, 56B, 58B, 75A. **Postpaid.** (Wt. 10 oz.) **55c**
9 A 2053—Fits Jacobs chucks: Nos. 4, 16, 16N, 18, 18N, 36, 36B, 59B. **Postpaid.** (Wt. 12 oz.) **80c**

N Angular Type Milling Cutters. For face milling or dovetailing. Use with threaded adapters supplied with 9A2994 (at top of page). Shpg. wt. each 3 oz.
9 A 2995F—*State size.*

Diam.	Thick	Hole	Price
1¼ in.	7/16 in.	⅜ in.	$7.25
1⅝ in.	9/16 in.	½ in.	8.25

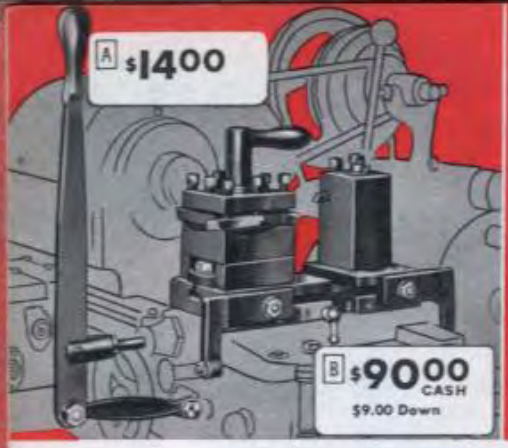
P Wood-ruff Keyway Cutters. Well made; ground. ½-in. shank. Shpg. wt. each 4 oz. *State size.*

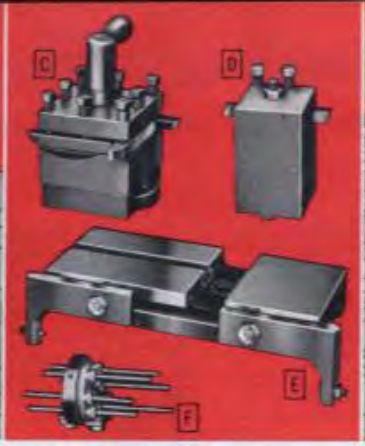
Diam.	Thick	9A2996F
½ in.	⅛ in.	$3.75
⅝ in.	5/64 in.	4.10
1 in.	¼ in.	5.10
1⅛ in.	5/16 in.	6.00
1¼ in.	⅜ in.	6.75

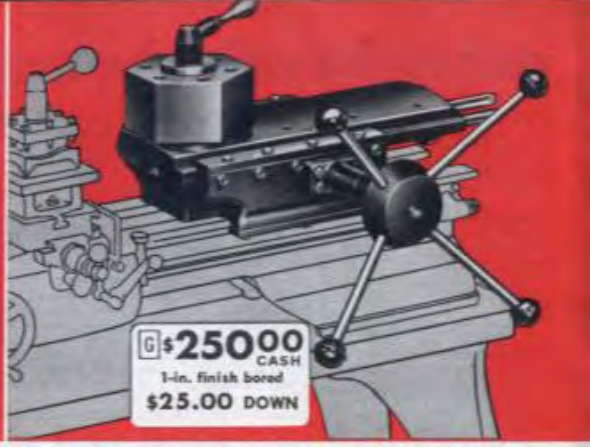
R R.H. Cut, R.H. Spiral End Mills. Used with 9A2994 and 9A2995 (at top of page). Shpg. wt. each 3 oz. *State size.*

Diam.	Flute	9A2997F
¼ in.	⅝ in.	$2.95
5/16 in.	15/16 in.	3.15
⅜ in.	⅞ in.	3.35
7/16 in.	⅞ in.	3.55
½ in.	15/16 in.	3.90

Items above shipped from factory in central Michigan







Convert your 12-inch Lathe to a Turret Lathe!

CRAFTSMAN Feed Lever

A For use on CRAFTSMAN 12-inch Metal Lathes 99AM2075, 99AM2743, 99AM2079, and 99AM2744 on pages 24 and 25. Helps cut operating costs . . speeds up all cross-carriage turret action. Install in place of standard screw feed. With connections. (See shipping notice below).
9 A 1587F—Shipping weight 8 pounds.....**$14.00**

CRAFTSMAN Turret Assembly

B For CRAFTSMAN Metal Lathes 99AM2075, 99AM2743, 99AM2079, and 99AM2744 on pages 24 and 25. Consists of Four-Way Tool Post Turret 9A1589F and Back Slide Tool Post 9A1590F, mounted on Double Tool Cross Slide 9A1588F (sold separately at right). Operated by standard hand feed or power cross feed of lathe. Turret heads place each tool in any one of 4 operating positions instantly. Back Slide Tool Post permits a fifth position. Depth of cuts controlled by adjustable stops. We recommend 9A1591F "Multi-Stop" Attachment (not included—see at right) for gauging length of cut. (Shpg. notice below.)
99 A 1585KF—Shipping weight 28 pounds.....**$90.00**

CRAFTSMAN Turret Accessories

C **CRAFTSMAN Four-Way Tool Post Turret only.** Can be released by convenient lock handle, and rotated quickly and easily to any one of four operating positions, automatically indexed. (See shipping notice below.)
9 A 1589F—Shipping weight 9 pounds.....**$48.50**

D **CRAFTSMAN Back Slide Tool Post only.** Permits a fifth position, when used with 9A1589F Four-Way Turret above. Tool posts take ⅝-in. cutter bits (not included).
9 A 1590F—Shpg. wt. 5 lbs. (Shpg. notice below).....**$13.75**

E **CRAFTSMAN Double Tool Cross Slide only.** Replaces standard compound rest assembly; adapts turret to carriage cross slide dovetails. Adjustable stops at front and back; may be set to indicate correct depths of cut. (Shpg. notice below.)
9 A 1588F—Shipping weight 10 lbs.....**$29.50**

CRAFTSMAN "Multi-Stop" Attachment

F For use on CRAFTSMAN 12-inch Metal Lathes 99AM2075, 99AM2743, 99AM2079, and 99AM2744 on pages 24 and 25. For gauging length of each cut quickly. Mounts on front bedway near headstock. With mounting bracket and screws.
9 A 1591F—Shipping wt. 3 lbs. (Shpg. notice below.)...**$21.50**

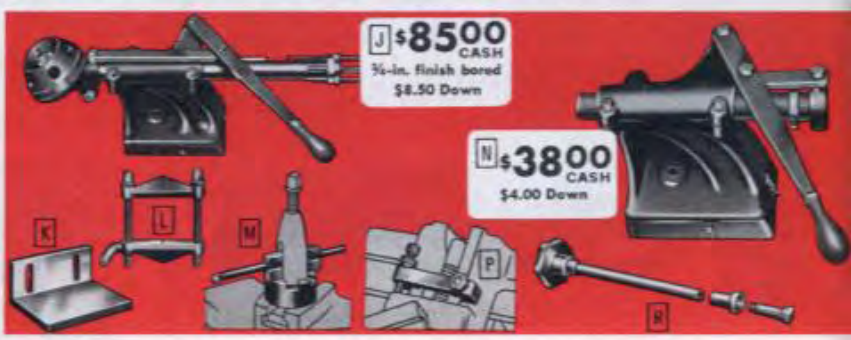
CRAFTSMAN Heavy Duty Bed Turret

G For CRAFTSMAN 12-inch Metal Lathes 99AM2075, 99AM2743, 99AM2079, and 99AM2744 on pages 24 and 25. Six different tool positions, 6½-inch working travel, 4-inch tool clearance over ram, and 2½-inch minimum working stroke give you extra-large capacity for larger pieces. Bed and ram are extra-heavy, gray iron castings; provide the rigidity needed for taking heavy cuts. For long work, stock up to ¾ in. wide can be passed through turret head. Precision-ground ways; ¾x½ in. thick; both sides gibbed for take-up. Head indexes automatically clockwise; may be moved in either direction; lock handle stays in position, will not work loose. Speed wrench included. (See shipping notice below.)

99 A M1595F—With head finish bored for 1-inch tool shanks (installed on CRAFTSMAN 12-inch metal lathe when ordered from factory).
Shipping weight 110 pounds.....**$250.00**

99 A M1586F—With head rough bored to ⅞-in. (Head must be finish bored on lathe with which it is to be used.) Shpg. wt. 110 lbs.....**$250.00**

SHIPPING NOTICE: All items on this page are shipped from factory in southern Michigan. You pay transportation from there on delivery.



CRAFTSMAN Lathe Table Designed for CRAFTSMAN 12-inch Lathe

H Here's a table that was specially designed to provide an extra-strong, rigid support for your CRAFTSMAN 12-inch Metal Turning Lathe. Measured work height enables you to do more accurate work . . with less fatigue. Legs are heavy gray iron castings, thickly ribbed and cross-braced for extra strength. Legs alone weigh 95 pounds. Thick, sturdy table top made from thoroughly seasoned, shellacked, and varnished hardwood. Lathe mounts with each lathe leg directly over a floor leg. Legs can be securely anchored to workshop floor. Large bottom board is convenient for holding tools and accessories . . firmly bolted to leg cross braces. Over-all height 33⅝ inches. Shipped freight or express. (See shipping notice above.)

99 A M1598F—Lathe Table for CRAFTSMAN 12-inch Metal Turning Lathes 99AM2075 and 99AM2743 (listed and described on pages 24 and 25). Fits lathe 45 inches long. Shipping weight 166 pounds.....**$53.50**

99 A M1599F—Lathe Table for CRAFTSMAN 12-inch Metal Turning Lathes 99AM2079 and 99AM2744 (listed and described on page 24 and 25). Fits lathe 57 inches long. Shipping weight 176 pounds.....**$57.50**

Additional Accessories for CRAFTSMAN 12-inch Metal Lathe

J **CRAFTSMAN Tailstock Turret.** For use on CRAFTSMAN 12-inch Metal Lathes 99AM2075, 99AM2743, 99AM2079, and 99AM2744 on pages 24 and 25. Semi-automatic indexing head has six ¾-in. holes for tool holders; each permits a separate operation. Turret head unlocks by moving quick-acting hand-feed lever to extreme right so next tool may be positioned accurately and quickly. Turret head locks in position by advancing hand-feed lever. Indexes automatically by 6 adjustable stop screws at end of feed ram. Turret travel 3 1/16 inches. (See shipping notice above.)

99 A M1593F—¾-in. finish bored. Complete with special tailstock, lever feed, stops.
Shipping weight 39 lbs.....**$85.00**

99 A M1594F—Unbored. Complete with special tailstock, lever feed, stops. Shipping weight 39 lbs.....**$78.00**

K **Angle Plate.** Simplifies off-center work and machining of odd-shaped pieces. Bolt to face plate. Horizontal face 6x4¾x⅜ in.; vertical face 6x2⅝x⅜ in. (See shipping notice above.)
9 A 1509F—Shpg. wt. 10 lbs.....**$7.75**

L **Clamp-type Dog.** For holding square, rectangular, hexagonal, or round work. Clamp bars are forged steel; screws heat treated. Opens to 2¼ in.
9 A 1512F—Wt. 1 lb. (See shpg. above.)...**$5.95**

M **Boring Tool Holder.** Complete with clamp ring (1¾-in. outside diameter, 1 1/16-in. inside diameter); V-block; plain block; and one ¼-in. high-speed boring tool. Clamp ring has 3 slots to hold 5/16, ¼, 3/16, ⅜-in. diameter tools.
9 A 1511F—Wt. 1 lb. (See shpg. above.)....**$5.25**

N **CRAFTSMAN Lever-type Tailstock.** For use on CRAFTSMAN 12-inch Metal Lathes 99AM2075, 99AM2743, 99AM2079, and 99AM2744 listed and described on pages 24 and 25. Speeds up any single production operation from tailstock of lathe. Convenient hand-feed lever advances ram to work instantly. Depth of cut accurately controlled by adjusting stop collar. Travel of ram, 3⅝ inches. Diameter of ram, 1⅛ inches. Ram bored for No. 2 Morse taper. Ram graduations: 0 to 3 inches by 16ths of an inch. Set-over, forward or back, ¾ inch. (See shipping notice above.)
99 A 1592KF—Shipping weight 29 lbs.....**$38.00**

P **Cross Slide Stop.** Shows depth to stop cross-feed. Clamps to cross slide dovetail (listed at top of page). Will not automatically stop cross-feed. (See shipping notice above.)
9 A 1510F—Shipping weight 8 oz.....**$4.50**

R **Draw-in Collet Chuck Attachment.** For extreme accuracy in chucking work from 1/32 to ½-inch diameter. Used for making precision tools, instruments, gauges, small parts. Consists of hollow draw-in spindle with hand-wheel control, tapered closing sleeve. Rods pass through lathe spindle; hand-wheel releases or tightens collet on work. Lathe must be stopped to open and close collet. Split holding collet not included (see below). (See shipping notice above).
9 1507F—Shipping weight 3 pounds.....**$24.50**

9 A 1508F—**Split Holding Collet** for round work. Diameters 1/32 to ½-inch by 32nds. *State diameter wanted.* (See shipping notice above).
Shipping weight 4 ounces.....Each **$4.50**

You can buy anything in this book on Sears Easy Terms, if your order totals $20 or more.

Chucks and Accessories for Drill Presses, Lathes, etc.

A **Commutator Kit.** For holding armature shafts. Contains No. 75A armature driving chuck; No. 100 center rest chuck (¼ to ⅝-in. capacity); two arbors (No. 2 Morse taper, shank end; No. 3 Jacobs taper head end); chuck key, metal box.
9 A 2129—**Postpaid.** (Shpg. wt. 7 lbs. 4 oz.)..**$22.60**

B **Headstock Chucks with Key.**
9 A 2044—Capacity 0 to 1/32 inches. Fits only 1-in., 8-thread spindle. **Postpaid.** (Shpg. wt. 3 lbs. 10 oz.)..... **$13.25**
9 A 2144—Capacity ⅛ to ⅝-in. Fits 1½-in., 8-thread spindle. Can be used with No. 3 Jacobs taper arbor. **Postpaid.** (Shipping weight 3 pounds 12 ounces)... **$16.50**
9 A 2121—Capacity 1/16 to ¾ in. Fits 1½-in., 8-thread spindle. Will not fit any type arbor. **Postpaid.** (Wt. 5 lbs. 8 oz.)..... **$19.75**

C **Drill Chucks with Key.**
9 A 2142—Key-type chuck. Fits arbors with No. 33 Jacobs taper. Capacity 1/64 to ½ in. **Postpaid.** (Wt. 1 lb. 8 oz.)..... **$7.50**
9 A 2143—Key-type chuck. Fits arbors with No. 33 Jacobs taper. Capacity 0 to ½ in. **Postpaid.** (Shpg. wt. 2 lbs. 8 oz.)..... **$8.00**

Key Chucks for Electric Drills
9 A 2976—Geared Key Chuck. Capacity 0 to ¾-in. ⅜-in. by 20-thread mounting thread. **Postpaid.** (Shpg. wt. 10 oz.)..... **$5.50**
9 A 2978—Capacity 0 to ¾ in. Threaded ⅝-in. by 24 thread. **Postpaid.** (Shipping weight 8 ounces)..... **$5.50**
9 A 2979—Capacity 0 to ¾ in. Threaded ⅝ in. by 24 thread. **Postpaid.** (Shipping weight 10 ounces)..... **$5.50**
9 A 2980—Capacity 1/16 to ½-in. Threaded ½-in. by 20 thread. **Postpaid.** (Shipping weight 1 lb. 3 oz.)..... **$7.50**

D **Center Rest Chuck.**
9 A 2991—Capacity ¾ to ⅝ in. Use with No. 3 Jacobs taper arbor. **Postpaid.** (Shipping wt. 3 lbs. 2 oz.)..... **$11.00**

E **Chuck Arbors for 9A2142, 9A2143.**
9 A 2131—No. 0 Morse and No. 33 Jacobs taper. **Postpaid.** (Wt. 8 oz.)..**$1.00**
9 A 2123—No. 1 Morse and No. 33 Jacobs taper. **Postpaid.** (Shpg. wt. 10 oz.)..**$1.00**
9 A 2124—No. 2 Morse and No. 33 Jacobs taper. **Postpaid.** (Shpg. wt. 14 oz.)..**$1.00**

For 9A2129, 9A2144, 9A2991 Chucks.
9 A 2133—No. 0 Morse and No. 3 Jacobs taper. **Postpaid.** (Shpg. wt. 10 oz.).**$1.00**
9 A 2154—No. 1 Morse and No. 3 Jacobs taper. **Postpaid.** (Shpg. wt. 12 oz.)..**$1.00**
9 A 2126—No. 2 Morse and No. 3 Jacobs taper. **Postpaid.** (Shpg. wt. 14 oz.)...**$1.00**

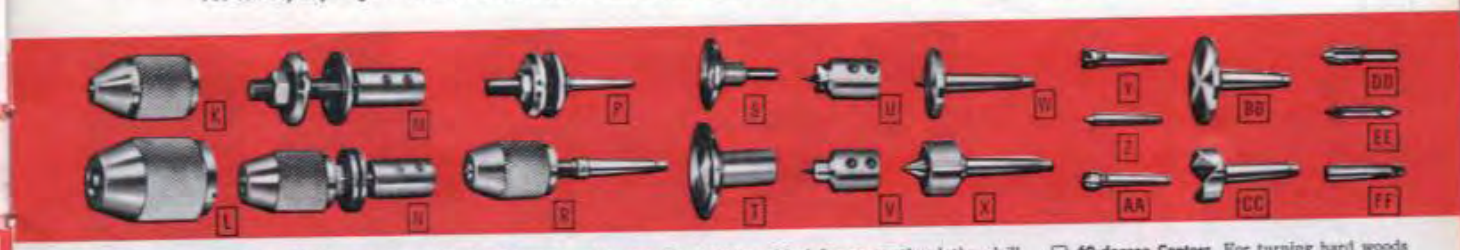
F **Chuck Keys.**
9 A 2051—Fits Jacobs chucks Nos. 1, 1A, 1B, 1BB, 1BS. **Postpaid.** (Shpg. wt. 4 oz.)..... **35c**
9 A 2054—Fits Jacobs chucks Nos. 32, 32B, 32BB, 33, 33B, 33BB, 9, 11, 11N, 381. **Postpaid.** (Wt. 7 oz.)..... **50c**
9 A 2052—Fits Jacobs chucks Nos. 3, 3A, 3B, 3AE, 6, 6A-2A, 6A-33, 6B, 6AE, 14, 14N, 34, 34B, 34VR, 54B, 55B, 56B, 58B, 75A. **Postpaid.** (Shipping weight 10 ounces)..... **55c**
9 A 2053—Fits Jacobs chucks Nos. 4, 16, 16N, 18, 18N, 36B, 59B. **Postpaid.** (Shipping weight 12 ounces.)..... **80c**
9 A 2073—Fits Jacobs chucks Nos. 7, 7B, 7-1A, 7D, 225, 7BB. **Postpaid.** (Shipping weight 7 ounces)..... **40c**

G **CRAFTSMAN Fine Quality Lathe Chucks.** 3-jaw self-centering type. Jaws are controlled by single screw and pinion gear. Great accuracy, leverage, holding power. Perfect for centering work.
Chuck body casting of semi-steel. Alloy metal scroll and alloy steel pinion. Alloy steel jaws are heat treated, hardened; have raised steps. Complete with inside and outside gripping jaws. T-handle chuck wrench included.
9 A 2148—Fits 1-in. by 8-thread spindle. Diameter 4 in. Shipping weight 5 pounds 3 ounces..... **$33.25**
9 A 2150—Fits 1½-inch by 8-thread spindle. Diameter 5 inches. Shipping weight 6 pounds 11 ounces..... **$40.00**

H **3-jaw Universal Chucks** . . for medium duty. Self-centering, lever operated. Case-hardened, cold rolled steel jaws; polished steel body and scroll. Body casting precision threaded; fits directly on spindle. Has outside and inside sets of jaws. Chuck wrench included.
9 A 2296—Fits ½-in. by 20-thread spindle. Diameter 3 in. Shipping weight 3 pounds 5 ounces..... **$23.00**
9 A 2297—Fits 1-inch by 8-thread spindle. Diameter 4 inches. Shipping weight 6 pounds 5 ounces..... **$27.50**
9 A 2298—Fits 1½-in. by 8-thread spindle. Diameter 5-in. Shipping weight 10 pounds..... **$32.50**
99 A 02299—Fits 1½-in. by 8-thread spindle. Diameter 6-in. Shipping weight 15 pounds..... **$43.95**

J **CRAFTSMAN 4-jaw Independent Chucks.** Precision made of finest materials. Body of special alloy steel has deep, wide jaw slots for added strength and greater bearing surface.
Four reversible jaws, drop forged from a solid bar of special steel, work independently; especially useful for holding irregular shaped pieces. Large jaw screw. Acme threaded. T-handle included. Fit any lathe with spindle diameters and threads per inch listed below. Sizes available to fit 5 different threaded lathe spindles.
9 A 2137—Fits ½-in. by 24-thread spindle. Diameter 3 in. Shipping weight 2 pounds 8 ounces..... **$7.95**
9 A 2157—Fits ¼-in. by 20-thread spindle. Diameter 3 in. Shpg. wt. 2 lbs. 8 oz..... **$7.95**
9 A 2156—Fits ¾-inch by 16-thread spindle. Diameter 4 in. Shpg. wt. 3 lbs. 10 oz.... **$9.50**
9 A 2138—Fits 1-inch by 8-thread spindle. Diameter 4-in. Shpg. wt. 3 lbs. 12 oz.... **$9.50**
9 A 2139—Fits 1½-in. by 8-thread spindle. Diameter 6-in. Shipping weight 9 pounds 10 ounces..... **$18.25**
99 A 02141K—Fits 1½-in. by 8-thread spindle. Diameter 8-in. Shpg. wt. 25 lbs..... **$29.95**

You can buy anything in this book on Sears Easy Terms, if your order totals $20 or more. See inside back cover for complete information



Extra Fine Quality CRAFTSMAN screw-on 3-jaw Chucks. Tapped to fit ½-inch by 20-thread spindles. Check spindle size.
K 9 A 2248—¼-in. capacity. Shpg. wt. 5 oz..... **85c**
9 A 2243—⅜-inch capacity. Shpg. wt. 12 oz..... **90c**
L 9 A 2256—½-inch capacity. Shpg. wt. 12 oz..... **$1.20**

M **CRAFTSMAN General-purpose Work Arbor.** Converts motor into a grinder, polisher, buffer, etc. Carbon steel. 4½ in. long. 2⅝-in. spindle has ½-in. x 20-thread. Has steel flanges. Fits ½ or ⅝-in. unthreaded shaft. Fastens with 2 set screws. **State whether for ½ or ⅝-in. spindle.**
9 A 2164—Shipping weight 12 oz..... **$1.20**

N **Arbor with 3-jaw, ½-inch Drill Chuck.** Chuck and ½-inch x 20-thread arbor with steel flanges. Fits ½ or ⅝-inch unthreaded straight spindle. Fastens with 2 set screws. **State if for ½ or ⅝-inch spindle.**
9 A 2151—Shipping weight 1 pound 10 ounces..... **$2.00**

P **Work Arbors.** For mounting drill chucks and holding grinding, buffing wheels, etc. ½-in. x 20-thread. Morse taper shank. 2 steel flanges for clamping wheels.
9 A 2117—No. 0 Morse taper. Shpg. wt. 8 oz..... **$1.10**
9 A 2153—No. 1 Morse taper. Shpg. wt. 9 oz..... $1.15
9 A 2152—No. 2 Morse taper. Shpg. wt. 11 oz..... 1.20

R **Work Arbors with Chucks.** 3-jaw, screw-on type chucks, ½-in. capacity; tapped ½-in. x 20-thread.
9 A 2276—No. 0 Morse taper with chuck and arbor. Shipping weight 1 pound 4 ounces..... **$2.00**
9 A 2234—No. 1 Morse taper with chuck and arbor. Shipping weight 1 pound 8 ounces..... **$2.00**
9 A 2247—No. 2 Morse taper with chuck and arbor. Shipping weight 1 pound 8 ounces..... **$2.10**

Abrasive Disc Holders. Ideal for converting lathe, drill press, etc. into a sander or polisher.
S 9 A 2446—1½-inch diameter. Has ¼-inch straight shank. Shipping weight 5 ounces..... **70c**
T 9 A 2447—2-inch diameter. Use on ½-in. x 20-thread spindle. Shpg. wt. 7 ounces..... **$1.00**

Lathe Centers. Ideal for use on any lathe with ½-in. straight spindle. Fasten with 2 set-screws. Steel construction. Especially designed for maximum strength and rigidity. Replaceable center points.
U 9 A 2105—**Headstock Spur Center.** For driving work mounted between centers. Shpg. wt. 6 oz..... **95c**
V 9 A 2102—**Tailstock Cup Center.** Supports work in tailstock. Shipping weight 6 ounces..... **95c**

W **Screw centers.** For facing and hollowing operations. Replaceable center. Morse taper shank.
9 A 2116—No. 1 Morse taper. Shpg. wt. 12 oz..... **$1.65**
9 A 2115—No. 2 Morse taper. Shpg. wt. 14 oz.... $1.70

X **Ball-bearing 60° Center.** For hardwood or metal; for high speed operation. No. 1 or No. 2 Morse taper shanks as listed.
9 A 2112—No. 1 Morse taper. Shpg. wt. 8 oz..... **$2.90**
9 A 2113—No. 2 Morse taper. Shpg. wt. 8 oz..... $2.90

Y **Spur Centers.** Use for wood turning. Accurately ground for perfect fit. No. 0, No. 1 or No. 2 Morse taper shanks as listed.
9 A 2108—No. 0 Morse taper. Shpg. wt. 3 oz..... **$1.05**
9 A 2106—No. 1 Morse taper. Shpg. wt. 4 oz..... $1.10
9 A 2107—No. 2 Morse taper. Shpg. wt. 7 oz..... 1.20

Z **60-degree Centers.** For turning hard woods and metals. Choice of 3 Morse taper shanks.
9 A 2103—No. 0 Morse taper. Wt. 3 oz.... **85c**
9 A 2110—No. 1 Morse taper. Wt. 3 oz.... 90c
9 A 2111—No. 2 Morse taper. Wt. 7 oz.. $1.00

AA **Tailstock Cup Centers.** Support work in tailstock. Choice of 3 Morse taper shanks.
9 A 2109—No. 0 Morse taper. Wt. 3 oz... **$1.05**
9 A 2100—No. 1 Morse taper. Wt. 3 oz... $1.10
9 A 2101—No. 2 Morse taper. Wt. 7 oz... 1.20

BB 9 A 2187—**Drill Pad.** Use in tailstock as rigid support for drilling flat or square work. Diameter of face, 3½ in. Steel shank has No. 2 Morse taper. Shpg. wt. 1 lb. 2 oz. $1.75

CC 9 A 2114—**Crotch Center.** Automatically centers round work in tailstock for cross-drilling. Precision-machined V-slot. Steel shank; No. 2 Morse taper. Shpg. wt. 1 lb..... $1.70

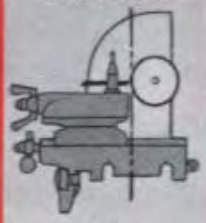
DD 9 A 6697—**82° Center Reamer and Countersink.** ½-inch size; ¼-inch shank diameter. Shipping weight 1 oz..... **$1.15**

EE 9 A 2061—**Center Drill.** Combination drill and countersink. 1/32 or ⅛-in. sizes available. **State size wanted.** Shpg. wt. 1 oz..... 49c

FF 9 A 2161—**Adapter Sleeve.** To reduce from No. 2 to No. 1 Morse taper. Shipping weight 5 oz..... **$1.95**

$49.50 CASH
Without Motor
$5.00 DOWN . . ON EASY TERMS

Offset center construction



Overcomes big disadvantage in most small lathes! Shifts pressure caused by tool bit in contact with work so it's better centered between the ways. Larger work machined smoothly.

CRAFTSMAN "80" Metal Lathe

REG. U.S. PAT. OFF.

Only Sears offers you a back-geared, screw-cutting lathe at anywhere near this low price

There's no other metal turning lathe like it! A rugged back-geared, screw-cutting lathe! Much smoother, more accurate than is ordinarily possible with lathes of this size. Designed for precision work such as turning armatures, model making, experimental work, tool room work, and scores of other small jobs.

Offset center construction . . . increases capacity of lathe . . . gives greater support to compound . . . keeps pressure of work on tool bit between the ways; helps you when handling larger work. Centers offset 9/16-in. back of bed center line. **Back gears** give slow speed and greater power needed to machine a variety of metals. Speed range also permits wood and plastic turning. Smooth adjusting compound swivel operates on precision machined, V-way bed. Spring tension on threaded dial assembly gives positive contact at all times. End play eliminated! Compound rest and cross-feed are accurately gibbed for wear takeup. Headstock has double bearings of porous bronze; adjustable front bearing. Hardened, ground steel spindle threaded ½-in. x 20-thread. Forward and reverse lever-locking plunger; spring operated. Removable No. 0 Morse taper centers. Tailstock may be set over for turning tapers.

Complete with accessories shown above, including two 6-degree centers, ¼-inch tool bit, Allen wrench, ½-inch lathe dog, 4-inch face plate, 8 threading gears, motor pulley, machine pulley, and ⅜x36-in. V-belt. Motor not included. We recommend using at least a ¼-H.P. 1750 R.P.M. motor, like 99A01974K on page 43. *Only $5.00 down on Sears Easy Payment Plan.* Shpg. wt. 61 lbs.

99 A 02127L—Without motor **$49.50**

SPECIFICATIONS

- Swing over bed . . . . . 6 in.
- Distance between centers . . . . . 12¼ in.
- Spindle: Nose size . . . . . ½-in. x 20-thread
  Taper . . . . . No. 0 Morse
  Bore . . . . . ¼-inch
- Bearings . . . . . 2 porous bronze
- Thread range . . . 8 to 96-right or left hand
- Feeds . . . . . .0024, .0039, .0048, .0078
- Back gear ratio . . . . . 5 to 1
- Compound rest travel . . . . . 1¾ in.
- Cross slide travel . . . . . 2¾ in.
- Tailstock ram travel . . . . . 1¾ in.
- Tailstock set over . . . . . ¼-in.
- Motor recommended (min.) . . . . . ¼ H.P. 1750 R.P.M.
- Machine pulley (included) 3-step "V" type
- Motor pulley (included) 4-step "V" type
- Speeds . . . . . Six: 120 to 1325 R.P.M.
- Mounting dimensions . . . . 21 7/16x5 5/16 in.
- Overall dimensions . . . . 10¼x9½x26¾ in.

High quality Accessories to increase the usefulness of above lathe

A 4-pc. Tool Post Set. Includes: ¼ and 3/16-in. boring tools; ¼-in. threading tool; and stiffening block. Tools set on rocker in tool post with stiffening block over the top. Use with 99 A 02127L lathe. Shipping weight 4 oz.
9 A 2008 . . . . . **$4.75**

B 6-piece Formed Tool Bit Set. ¼-in. size. High speed steel. Includes threading bit, left hand and right hand facing bits, left hand and right hand turning bits and round nose turning bit. Wt. 5 oz.
9 A 2205 . . Set **$2.25**

C CRAFTSMAN 3-jaw Universal Lathe Chuck. Self-centering, lever-operated. Holds to tolerances within .003 inch. Steel jaws, body, scroll. Knurled rim. Fits ½-in. by 20-thread spindle. Two sets of jaws (outside and inside). With wrench. Diameter 3 inches. Shpg. wt. 3 lbs. 5 oz.
9 A 2296 . . . . . **$23.00**

D CRAFTSMAN 4-jaw Independent Lathe Chuck. Steel. 4 reversible jaws; especially useful for holding irregularly shaped pieces; deep jaw slots. Acme threaded. Fits ½-in. x 20-thread spindle. With T-handle wrench. Diameter 3 in. Shpg. wt. 2 lbs. 8 oz.
9 A 2157 . . . . . **$7.95**

E Work Arbor. For mounting drill chucks, holding grinding, buffing, wire scratch wheels, etc. Fits 99A02127L above, or any lathe with No. 0 Morse taper. Two flanges with nut on head end threaded ½-in. x 20-thread for clamping wheels. Shipping weight 8 oz.
9 A 2117 . . . . . **$1.10**

F Work Arbor with Chuck. Three-jaw, screw-on type. Knurled for extra ease in handling. Tapped ½-inch x 20-thread; full ½-inch capacity. Tough, long-life hardened steel jaws center accurately; grip tightly. Work arbor has No. 0 Morse taper shank. Shpg. wt. 1 lb. 4 oz.
9 A 2276 . . . . . **$2.20**

G Tailstock Cup Center. Replaceable point. No. 0 Morse taper shank.
9 A 2109—Shipping weight 3 ounces **$1.05**

H Spur Center. For wood turning. No. 0 Morse taper shank.
9 A 2108—Shipping weight 3 ounces **$1.05**

J 60-degree Center. For accurate centering. No. 0 Morse taper shank.
9 A 2103—Shipping weight 3 ounces **85c**

K Chuck Arbor. Precision ground. For 9A2142 and 9A2143 chucks (below). No. 0 Morse, No. 33 Jacobs taper. **Postpaid.**
9 A 2131—(Shpg. wt. 8 oz.) **$1.00**

L Center Rest Chuck. Capacity ¼ to ¾-in. Use with No. 3 Jacobs taper arbor to support centerless armatures, etc. *Order today!* **Postpaid.**
9 A 2991—(Shpg. wt. 3 lbs. 2 oz.) **$11.00**

Arbor. For 9A2991 chuck (listed above). No. 0 Morse and No. 3 Jacobs taper. Precision ground. **Postpaid.**
9 A 2133—(Shpg. wt. 10 oz.) **$1.00**

M Headstock Chuck. Capacity ⅛ to ⅝-in. Fits 1½-in., 8-thread spindle or No. 3 Jacobs taper arbor. **Postpaid.**
9 A 2144—(Shpg. wt. 3 lbs. 12 oz.) . . . **$16.50**

N Drill Chucks. Key-type chuck. Fits arbors with No. 33 Jacobs taper.
9 A 2142—Capacity 3/64 to ½-inch.
Postpaid. (Shpg. wt. 1 lb. 8 oz.) **$7.50**
9 A 2143—Capacity 0 to ½-inch.
Postpaid. (Shpg. wt. 2 lbs. 8 oz.) **8.00**

P Jacobs Commutator Kit. Holds armature shafts. Includes: No. 75A armature driving chuck; No. 100 center rest chuck (¼ to ¾-in. capacity); two arbors (No. 2 Morse taper shank; No. 3 Jacobs taper head); chuck key. (Needs two 9A2133 arbors (left) to be used on above lathe.) Metal box. **Postpaid.** (Shpg. wt. 7 lbs. 4 oz.)
9 A 2129 . . . **$22.60**

R Metal Lathe Manual. 234 pages of operations, tables, etc. Shpg. wt. 11 oz.
9 A 2925 . . . . **$1.50**

Heavy, massive Ram. Wide, thick raw ways; precision ground. Hand-fitted guides. Stroke length adjustment, stroke positioning control operated by hand crank; stroke in inches shown by indicator on graduated plate. Base or tool post graduated 0 to 50° both ways. Tool post slide has dovetail ways; full gib adjustment. Acme-threaded vertical feed screw; ball crank control; graduated collar; take-up adjustment.

Crank-type Drive—an important factor in the long-lived accuracy and unusual power of the CRAFTSMAN Shaper. Semi-steel hub-gear (10 pitch teeth, 1-inch face) and pinion gear shaft run on Timken tapered roller bearings. These fine bearings take extreme heavy radial loads and absorb all end thrust. Complete V-belt drive from motor to pinion shaft. Feed screw has Acme threads, micrometer-graduated collar; oilite bearings.

Massive box-type column, thickly ribbed and braced for rigidity and accuracy. Cross-rail ways and ram way guides cast integrally with column. Cross-rail guides and table way guides accurately machined. Adjustable V-belt countershaft. Roller-bearing countershaft spindle. Box-type table supported by cross-rail ways and adjustable brace at outer end; lock table to any height; crank-operated elevating screw.

CRAFTSMAN "INDUSTRIAL"

$440.00 CASH
Without Motor
$44.00 DOWN . . ON EASY TERMS

SPECIFICATIONS:

- Strokes per min. 45, 78, 122, 186
- Cross feeds (both directions) .005, .010, .015, .020, .025 in. per stroke
- Cutting speeds, feet per minute . 3½ to 116
- Distance table to ram Maximum 5½ inches; minimum ½-inch
- Overall dimensions . . . . . 17x36x26 in.
- Ram length, less tool head . . . . . 17 in.
- Ram position range . . . . . 4 in.
- Tool head diameter . . . . . 4 in.
- Tool head feed length . . . . . 3 in.
- Tool post . . . . . takes ⅝-in. tool bits or holder for ¾-in. tool bits Tool head graduated 0 to 50° right and left. Collar graduated in .001 ths—swivel clapper.
- Gear ratio . . . . . 5½ to 1—1-in. face
- Pinion shaft and countershaft pulleys . . . . . 4-step, V-type
- Table dimensions . . . . . 8¾x26x6 in. deep overall; 7-in. long finished surface
- Table travel . . . . . 9⅝ in. horizontal; 5 inches vertical
- Vise jaw . . . . . 4x1½ in.; opens 4 in.
- Vise swivel base . . . . . Graduated 0 to 90° right and left

CRAFTSMAN 7-inch Metal Shaper

REG. U.S. PAT. OFF.

Compact . . Easy to set-up and operate
Working capacity covers almost every shaping job!

This 7-in. Metal Shaper is built to handle ALL shaping operations! A CRAFTSMAN "INDUSTRIAL" tool . . . designed for production work in industry—with rigid specifications to meet the requirements of factories and shops. ½ to 7-in. ram stroke gives you a capacity that covers almost every shaping job. And you save big money on investment, set-up, and operating costs with this smaller shaper. The ½-H.P. motor required keeps power costs down. Has the accuracy, power, strength of larger shapers. **Compact . . . easy to set-up and operate. Countershaft bracket is slotted** for belt stretch adjustment; countershaft lever stops ram without stopping motor. Hardened, ground countershaft spindle turns on roller bearings. 4-step countershaft and pinion shaft pulleys provide 4 speeds: 45, 78, 122 and 186 strokes per min. Five automatic cross-feeds for either direction: .005, .010, .015, .020, and .025 in. per stroke.

Table has three T-slots in top for vise or work; vise-aligning key-way on right side; two slots in each side for bolting work. Sides of tables are precision ground. Table top finished by shaper itself. Vise is graduated 0 to 90° both ways; swivels, and locks at any angle. Steel jaw inserts. Complete with safety guards, vise, countershaft, V-belt drive, crank handle, wrenches, instructions. *Shipped from factory in southern Michigan. You pay shipping charges on delivery.* Shipping weight 350 pounds.

9 A M1600F . . . . . *$44.00 down; $24.00 monthly.* . **$440.00**

99 A 01978K—**CRAFTSMAN Capacitor Motor.** ½-H.P. 1750 R.P.M. for 110–120 volt, 60-cycle AC. ½-in. double end shaft. (See complete description on page 44.) Shipping weight 33 pounds **$29.00**

Tools, Attachments, and Accessories for the CRAFTSMAN Shaper

A **CRAFTSMAN Extension Tool.** Extra clearance for internal work. Cuts many shapes (examples shown above). Drop forged holder, ½x7¾-inch polished steel bar with broached hole for 5/16-inch high-speed cutter bit. With cutter bit and wrench.
9 A 1610F—Shpg. wt. 2 lbs. **$8.75**
9 A 1611F—Set of 6 CRAFTSMAN Cutter Bits. 5/16-in.; unground. Shpg. wt. 1 lb. **90c**

B **CRAFTSMAN Tool Holder.** For working at all angles. Extremely rigid. Head swivels; locks at any one of 8 positions. With ¾-inch high-speed cutter bit.
9 A 1609F—Shpg. wt. 2 lbs. **$7.75**

C **Set of 7 CRAFTSMAN Formed Cutter Bits.** Styles as shown. High-speed steel ¾x¾-inch. Use in Tool Holder 9A1609F above.
9 A 1605F—Shpg. wt. 1 lb. **$5.35**

CRAFTSMAN Unground Cutter Bits Sets.
9 A 1606F—6 bits; ¾-in. Wt. 8 oz. . . . **$1.80**
9 A 1607F—12 bits; ¾-in. Wt. 1 lb. . . **3.15**
9 A 1608F—6 bits; ⅝-in. (for tool post). Shpg. wt. 12 oz. **$4.25**

D **CRAFTSMAN Angle Plate.** For holding small pieces and irregular shapes that can't be gripped in vise or bolted to table. Outer faces are precision ground; have four holes for bolting work and two holes for bolting plate to shaper table T-slots. Base and face each 2½x4x7/16-inches. With bolts.
9 A 1556F—Shpg. wt. 3 lbs. **$8.95**

E **CRAFTSMAN Rotary Index Table.** Holds work for quick, accurate spacing and dividing operations. All table surfaces precision ground. Three T-slots for positioning and locking work. Table swivels to any angle, locks with two bolts to circular T-slots in base. Holes spaced around side of table permit indexing table rigidly every 30° with plunger and knob. Swivel base graduated 0 to 90° left and right. Table diameter 5½ inches. Height to top of table 1⅞ inches. Complete with four base clamping bolts and wrench.
99 A 1602F—Shpg. wt. 14 lbs. **$49.75**

F **CRAFTSMAN Index Centers.** For dividing operations required in splining, fluting, gear cutting, and squaring shafts. Base casting held to T-slots in shaper table by cap screws. Support for inner center cast with base. Outer center support may be positioned for work up to 8 in. long and is locked by bolts which travel in two base T-slots. Screw with ball crank operates adjustable center. Two index plates furnished, each with two circles of indexing holes engaged by a lock pin (30 and 36 holes, 28 and 48 holes). Spindle locked in position by coordinate clamp. Max. distance between centers 8 in. Max. swing 5½ in. Base 14½x6x1¾ inch thick. With 1¾-in. clamp dog, dog driver, bolts.
99 A M1603F—Shpg. wt. 21 lbs. **$52.75**

G **CRAFTSMAN Shaper Lamp.** 15-inch flexible cable. Universal mounting bracket with clamp screws for fastening lamp to ram plate. Push-through switch.
9 A 1557F—Shpg. wt. 2 lbs. **$7.25**

Floor Cabinet

H **CRAFTSMAN Shaper Floor Cabinet.** Provides the rigid mounting needed for accurate Shaper work. Legs, top, and shelf are heavy 13 gauge steel with spot welded joints. Sides of top flared to catch oil. Large shelf provides handy storage space for tools, attachments, etc. Cabinet is 28 inches long, 18 inches wide, and 32⅝ inches high. Shipping wt. 80 lbs.
99 A M1551F **$55.75**

Pay for your Shaper and the tools and accessories you need while you use them. See inside back cover for details of Sears Easy Terms.

SHIPPING NOTICE: All items listed on this page are shipped from factory in southern Michigan

Overall Dimensions
25½ in. deep
32½ in. wide
22 in. high

Slabbing

Dovetailing

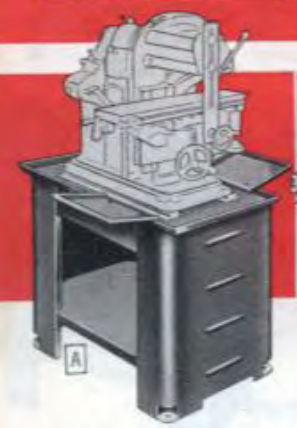
Now! CRAFTSMAN
REG. U.S. PAT. OFF.

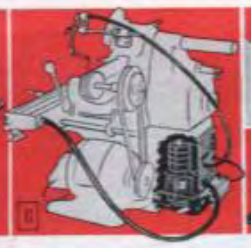
- ★ Handles complete range of milling . . . from slabbing and end milling to keyways, finishing and layout work . . . accurately and at low cost
- ★ Famous Timken tapered roller bearings on spindle . . . permit wide range of spindle and surface speeds
- ★ Backgeared power for heavy cuts
- ★ Reversible automatic power longitudinal table feed
- ★ 8 spindle speeds: 62 to 2870 R.P.M.
- ★ Precision-ground 4½x18-inch table . . . a massive work support
- ★ Steel cable-reinforced rubber belts . . . complete V-belt drive transmits maximum power to spindle
- ★ Extra heavy for accurate work
- ★ Operates from a ⅓-H.P. motor . . . Capacitor, R-I or Mill-type

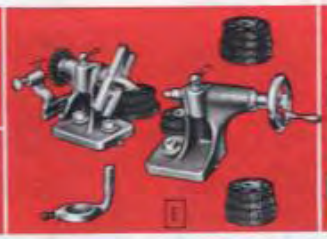
MILLING MACHINE
$390.00 CASH
Without arbor and motor
$39.00 Down
$22.00 Monthly

Base Dimensions
(including motor bracket)
20½ by 18½ inches

CRAFTSMAN "INDUSTRIAL"
This tool is designed and built for production work in industry . . . with specifications to meet the demands of factories and shops.







CRAFTSMAN Milling Machine Attachments and Accessories
REG. U.S. PAT. OFF.

A CRAFTSMAN Milling Machine Floor Cabinet. Provides the rigid mounting needed for accurate miller work. Legs, top and shelf are heavy 13-gauge steel with spot-welded joints. Sides of top flared to catch oil. Top has hole for coolant system. Large storage space on shelf. Cabinet is 28 in. long, 18 in. wide, 32⅝ in. high. Side pans not included. Shipping weight 80 pounds.
99 A M1551F.....$55.75

CRAFTSMAN Side Pans for above. Attach to each side of cabinet (see illustration) to catch oil drippings as miller table moves side to side. Heavy gauge steel; flared sides. With clamp brackets and bolts. 11 in. by 8 in. wide. Shpg. wt. per pair 5 lbs.
9 A 1552F.....$7.50

B CRAFTSMAN Automatic Coolant Systems. Reduce tool wear, improve work finish and meet peak production demands. Simple construction assures smooth, trouble-free performance and long life.

Modern centrifugal-type pump engineered for continuous service with any cutting fluid. Pump installed in 3-pint reservoir compartment in miller base. Coolant stream easily directed to any point on cutter by using adjustable outlet nozzle and sliding feed line support arm. Control valve regulates flow from slow drip to fast washing action. No priming necessary. Built-in switch.

9 A 1563F—Pumping capacity: Soluble Oil (50% solution) 198 gal./hour; Lard Oil (70°F) 78 gal./hour. Motor: induction, 3450 R.P.M. for 110–120 volt 50–60 cycle AC. Shpg. wt. 12 lbs.....$67.75

99 A 1564F—Pumping capacity: Soluble Oil (50% solution) 360 gal./hour; Lard Oil (70°F) 108 gal./hour. Motor: universal, 6000 R.P.M. for 110-120 volt AC-DC. Shpg. wt. 20 lbs.....$85.00

C CRAFTSMAN Coolant Tank. Gravity-flow tank—a simple, inexpensive coolant device. Capacity about 1 qt. Adjustable nozzle and sliding support arm direct coolant stream. Valve regulates flow. Nozzle has oil-proof extruded plastic tip.
9 A 1558F—Shipping weight 8 pounds.....$10.25

D CRAFTSMAN Rotary Index Table. Holds work for accurate angular indexing and spacing. All table surfaces precision-ground. Table swivels to any angle, locks to base. 3 T-slots (⅜-in. x ⅜-in.) in top of table for positioning and locking work. Swivel base graduated 0 to 90° left and right. Indexing holes every 30°. Table diam. 5½ in.; height to top of table 1⅜ in. With two base-clamping bolts, wrench.
99 A 1554F—Shpg. wt. 15 lbs..$49.75

E CRAFTSMAN Index Centers. For dividing operations. Headstock and tailstock lock to T-slot in table—keys maintain alignment with T-slot. Centers position for work up to 9 in. long, lock with coordinate clamps. 6-in. swing. Headstock spindle nose has 1-in. diam., 10-pitch N.S. threads. 15/32-in. hole through spindle. With 9 indexing gears (36, 40, 44, 46, 48, 52, 54, 56 and 64 teeth); 1½-in. dog driver, bolts; two 60° centers—No. 2 Morse taper for headstock, No. 1 MT for tailstock.
99 A 1553F—Shpg. wt. 15 lbs...$60.00

F CRAFTSMAN Miller Lamp. 15-inch flexible cable, universal mounting. Push-through switch.
9 A 1557F—Shpg. wt. 2 lbs...$7.25

G CRAFTSMAN Swivel Vise. Turns complete circle, locks in any position. Base graduated 0 to 90° left and right. Jaws open 3⅛ in. (operated by crank handle furnished). Jaws 3 in. wide, ⅞ in. high. Overall height 3⅝ in. Vise and base are heavy machined castings. Machined bolt slot at each end and long key in bottom maintain alignment with table T-slot. With bolts, crank handle, and wrench.
99 A 1555F-Shpg. wt. 15 lbs.$34.50

H CRAFTSMAN Angle Plate. Holds irregular shapes that can't be gripped in vise or bolted to table. Solid, well-braced iron casting, machined to a right angle, precision-ground on outer faces. Base and face each measure 2½ in. x 4 in. x 7/16 in. With bolts.
9 A 1556F—Shpg. wt. 3 lbs...$8.95

All items listed above shipped from factory in southern Michigan. You pay shipping charges from there on delivery.

Gear Cutting

Profiling

Straddle Milling

Boring

Slotting

Milling Machine..compact, accurate, priced low

Designed, built and priced to take its place in almost every kind of shop! In production and tool room shops, this economical CRAFTSMAN adapts easily to special equipment for special jobs . . . cuts costs and increases production. It's engineered for the accuracy demanded by research, laboratory and maintenance shops. And it's ideal for the limited budgets of school and home shops . . . compact to allow more pupil stations . . . rugged to stand up under inexpert student use.

Overarm, support bracket and outboard arbor support (shown on machine) insure accurate work by maintaining rigid horizontal position of arbor and cutters. Adjusts quickly; easy to remove and mount. (Other features shown at right.)

Equipment furnished: CRAFTSMAN "Change-O-Matic" controls, integral V-belt countershaft, belts and pulleys for complete V-belt drive, motor pulley for ½-in. diam. motor shaft, motor mounting bracket, 12-ampere control switch (single phase only), and cord; operating instructions. Less arbor and motor. Net weight 205 lbs. Shipped from factory in southern Michigan. You pay shipping charges from there on delivery.

99 A M1550F—Shipping weight 278 pounds. **$390.00**

99 A 01977K—**CRAFTSMAN Capacitor Motor.** ½-H.P. 1750 R.P.M. for 110-120 volt 60-cycle AC. ½-in. double-end shaft. (See complete description page 44. Shpg. wt. 30 lbs. . . . **$27.00**

SPECIFICATIONS:

- Longitudinal table travel . . . . . 9 3/16 in.
- Reversible automatic longitudinal power feeds:
  Per revolution of spindle: . . . . . .003, .006, .0125 or .025 in.
  Range . . . . . 0.186 to 11.250 in. per minute
- Cross table travel, hand-operated . . . . . 3⅝ in.
- Vertical table travel, hand-operated . . . . . 6 in.
- Center of spindle to table in lowest position . . . . . 6 in.
- Table working surface, precision ground . . . . . 4½x18 in.
- Overall table dimensions . . . . . 4½x18x1⅝ in. thick
- Table T-slots . . . . . Top, ⅝x⅜x16 in.; Side, ⅝x⅜x18 in.
- Eight spindle speeds between . . . . . 62 and 2870 R.P.M.
- Timken tapered roller bearings on spindle.
- Spindle . . . . . 1 in. diameter, 10-pitch N.S. threads, 17/32-in. hole through entire length, nose bored for No. 2 Morse taper
- Arbor diameter . . . . . ⅜ or 1 in.
- Center of arbor to underside of overarm . . . . . 2⅛ in.
- Backgear ratio (approximate) . . . . . 6½ to 1
- Oilite bronze backgear shaft, countershaft spindle bearings.
- Motor recommended . . . . . ½-H.P. 1750 R.P.M.

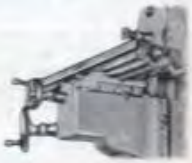
The CRAFTSMAN Change-O-Matic gives you instant selection of twenty reversible automatic table feeds between 0.186 in. and 11.250 in. per minute . . . four automatic feeds for each of five spindle speeds. Large notched knob selects desired feed (shown on dial chart). Tumbler lever reverses feed direction, also has neutral position for hand feeding. Dog in side T-slot of table can be set to trip gear case lever for automatic stop.

Massive column, spindle head and base (showing knee and table elevation screw). Ways for knee bearings cast integrally with column; precision ground. Spindle head anchored to column. Accurate line boring of bearing bosses for spindle, backgear shaft and overarm insures positive alignment.

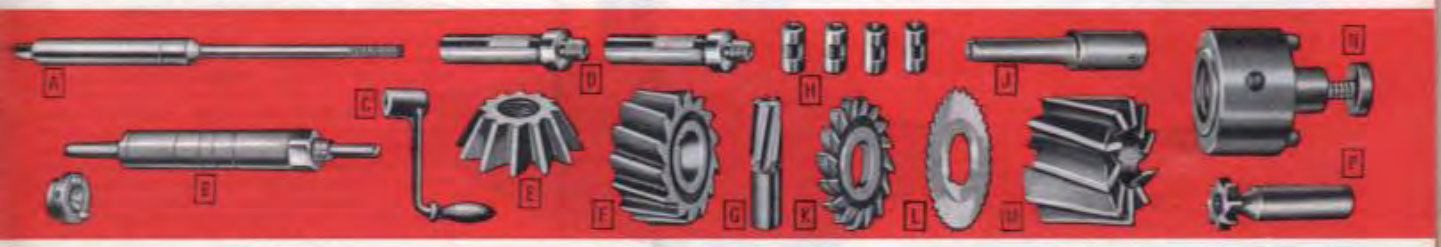
Timken tapered roller bearings keep accurate spindle alignment, carry all radial and thrust loads. Take-up adjustment. These bearings permit the wide range of spindle and surface speeds essential for all types of work and cutters. Backgeared drive slows spindle, provides power for heavy work. Spindle turned from steel bar.

Modern V-belt drive transmits maximum power to spindle at all eight speeds (62, 130, 212, 440, 450, 870, 1400 and 2870 RPM). Quick-change-type countershaft; belt tension lever in easy reach for speed changes. Two lever positions: forward to release, back to engage. Countershaft spindle turns on Oilite bearings. Chart shows spindle speeds for belt positions.

Precision-ground table..solid grey iron casting 18 in. long, 4½ in. wide, 1⅝ in. thick. All surfaces accurately machined, top and sides precision-ground. T-slot in center of top for bolting work and attachments. V-groove on each side of T-slot for bar stock. Adjustable dog-type stop. Adjustable locking gib on table dovetail bearing.



Rugged table support. Knee casting supported by two 5½-in. bearings on column ways and by telescoping elevation screw. Gib-lock permits rigid position at any height. Machined dovetail for saddle. Saddle casting has 5-in. dovetail bearings on knee, 6-in. on table. Dovetail ways hand fitted. Gib lock permits positioning saddle securely at any point on knee.



High Speed Milling Cutters for CRAFTSMAN Milling Machine

A **Draw-in Bar.** Required to hold arbors 9 A 1559F or 9 A 1560F (see B below) and shank-cutter adapter 9 A 1568F (J at right) in spindle taper.
9 A 1561F—Shpg. wt. 1 lb. 8 oz. **$4.00**

B **Cutter Arbors.** Ground stressproof steel with full length keyway and No. 2 Morse taper shank. Driver threaded for spindle nose. Six precision-ground 1⅜-in. diam. collars furnished (two 2-in., one 1-in., one ¾-in., one ½-in. and one ¼-in.). Length, shoulder to nut, 6¼ in. Draw-in bar 9 A 1561F (A above) required.
9 A 1559F—½-in. diam. (Complete with nut, six collars and driver.) Shpg. wt. 5 lbs. **$32.50**
9 A 1560F—1-in. diam. (Complete with nut, six collars and driver.) Shpg. wt. 8 lbs. **$38.75**

C **Crank Handle.** Required for Draw-in Bar 9 A 1561F (A above) and included with vise 99 A 1555F (opposite page). Handle is drop forged; accurately broached hole.
9 A 1562F—Shpg. wt. 1 lb. 8 oz. **$3.50**

D **Arbors for Angular Cutters.** Required to hold angular cutters 9 A 2995F (E below) in shank-cutter adapter 9 A 1568F (J at right). Wt. each 8 oz.
9 A 1566F—For 7/16-in. Cutter, 24-thread. . . **$2.25**
9 A 1567F—For 5/16-in. Cutter, 20-thread. . . . $2.25

E **Angular Cutters.** For face-milling, dovetailing. Threaded hole adapted to shank-cutter adapter 9 A 1568F (J at right) with arbors listed above. Shpg. wt. each 3 oz. *State thickness wanted.*
9 A 2995F—⅝-in. (1¾-in. diam., ⅜-in. hole) . . $7.25
9 A 2995F—⅞-in. (1⅞-in. diam., ½-in. hole) . . 8.25

F **Slab Milling Cutter.** For plain surfacing. R.H. spiral teeth. Held on arbor 9 A 1559F (B at left). ⅜-in. hole, 2¼-in. diam., 1-in. face.
9 A 1574F—Shipping weight 2 lbs. **$7.75**

G **R.H. Spiral End Mills.** For slots, straight keyways, facing, routing, squaring and splining shafts. Held in shank-cutter adapter 9 A 1568F (J at right) with bushings 9 A 2985 (H at right).

Diam. (Please state)	Length flute	Wt.	9 A 2997F
¼-inch	⅝-inch	3 oz.	$2.95
5/16-inch	13/16-inch	3 oz.	3.15
⅜-inch	¾-inch	3 oz.	3.35
7/16-inch	⅞-inch	3 oz.	3.55
½-inch	15/16-inch	3 oz.	3.90

H **End-mill Bushings.** Required to adapt all end mills 9 A 2997F except ⅜-in. diam. (see G at left) to shank-cutter adapter 9 A 1568F (J below).
9 A 2985—Shpg. wt. 4 oz. **$2.60**

J **Shank-cutter Adapter.** Holds ½-in. straight shank cutters (end mills, angular cutters, Woodruff keyway cutters) in spindle with draw-in bar 9 A 1561F (A at left) required.
9 A 1568F—Shpg. wt. 1 lb. **$5.75**

K **Side Milling Cutter.** Teeth have cutting edges on three sides. Held on arbor 9 A 1559F (B at left). 2½-in. diam., ¼-in. face, ⅜-in. hole.
9 A 1570F—Shpg. wt. 1 lb. **$7.50**

L **Metal Slitting Saws.** Sides taper-ground for proper clearance. Held on arbor 9 A 1559F (B at left). ½-in. hole. Shpg. wt. each 8 oz.

Cat. No.	Diam.	Thickness	Each
9 A 1571F	2½-in.	1/32-in.	$4.40
9 A 1572F	2½-in.	3/64-in.	4.40
9 A 1573F	2½-in.	⅛-in.	4.50

M **R.H. Spiral Shell End Mill.** For wide facing cuts, surfacing, end milling. R.H. spiral teeth. Back slotted to fit pins of required driver 9 A 1565F (N below). 2-in. diam., 1⅝ in. thick, ¾-in. hole.
9 A 1569F—Shpg. wt. 4 oz. . **$10.50**

N **Shell End Mill Driver.** Required for shell end mill 9 A 1569F (M above). Threaded for spindle nose; 2 driving pins for cutter slot, pilot for cutter hole, retainer screw.
9 A 1565F—Shpg. wt. 2 lbs. **$10.75**

P **Woodruff Keyway Cutters.** For cutting Woodruff keyways, slots, grooves, T-slots, etc. Straight shank—held in shank-cutter adapter 9 A 1568F (J at left). Wt. each 4 oz. *State size wanted.*

Diameter	Thickness	9 A 2996F
½-in.	⅛-in.	$3.75
¾-in.	3/64-in.	4.10
1 -in.	¼-in.	5.10
1⅛-in.	5/64-in.	6.00
1¼-in.	⅜-in.	6.75

All items listed above except number 9A2985 shipped from factory in southern Michigan. You pay shipping charges from there on delivery.

CRAFTSMAN

Ball Bearing Drill Presses Equipped with Lock type Chuck

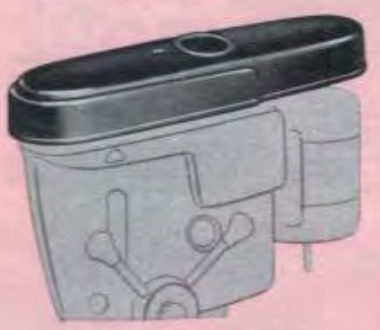
"Lock Type" chuck is outstanding for its exceptional safety and accuracy.

Safer to use because swiveling threaded lock collar screws onto spindle of drill press . . keeps chuck firmly seated on tapered spindle . . cannot possibly fly off spindle regardless of speeds or type of thrust. Eliminates necessity of using special collet chucks or similar adapters for holding routing, carving or dovetailing bits.

Accurate because it is professional quality precision made. Steel jaws are expertly heat treated and fitted into bored taper hole in hardened and ground body.

Drill presses 99 A M2314 and 99 A M2313 at right and 99 A M2364 and 99 A M2362 on opposite page are equipped with "Lock Type" Chucks. These drill presses are all precision-made . . meet the demands of professional craftsmen. Scientifically designed with the user in mind . . no unsightly spindle above head . . spindle "floats" within pulley. Exclusive "Perma-Coil" spiral coil quill return-spring. Precision ground cast semi-steel tables tilt 0 to 90° right or left. Four sets of heavy duty, shielded, precision ball bearings. NEVER need lubrication for the life of the tool.

Additional accessories for your drill press can be found on pages 34 and 35.



Drill Press Cover

Protects pulleys, V-belt and spindles . . . improves appearance of your drill press. Specially made to fit over drill press heads of CRAFTSMAN models 99AM2313 and 99AM2314. Made of cast aluminum. Painted . . . matches color of drill press head. Instructions and hardware for installing included. Shipped from factory in southern Michigan from where you pay transportation charges on delivery.

99 A 2312F—Shipping weight 7 lbs. **$13.95**

CRAFTSMAN Production Table. Use with oil or coolants. 19x18⅜x4-in. Cast semi-steel; 10½x16½-in. ground surface. Oil trough surrounds table; ⅝-in.x18-thread outlet. Column bore 2¾ in. Fits drill presses 99AM2314, 99AM2331, 99AM2313, 99AM2330. With Allen wrench. Pay freight or express from factory in southern Michigan on delivery.

99 A M2306F—Shipping weight 47 lbs. . . . **$22.50**

A Without motor
$102.50 CASH
$10.50 DOWN ON TERMS
$131.00 with motor

B Without motor
$89.50 CASH
$9.00 DOWN ON TERMS
$118.00 with motor

DRILL PRESS BOOK . . . a "must" for all drill press owners. 32 pages explaining 100 drill press operations. About 200 illustrations. Explains how to do drilling, shaping, sanding, mortising, routing, carving, etc.

9 A 2921—Shpg. wt. 2 oz. . **25c**

CRAFTSMAN

REG. U.S. PAT. OFF.

"100" Drill Presses

Our Finest Ball-bearing Industrial Type

- Massive, heavy-duty construction
- Drills to center of 15-in. circle
- 10x10 inch ground cast semi-steel table

Our finest! Extra heavy-duty! Meet the most rigid demands of professional craftsmen. Four sets of shielded ball bearings; lubricated for life. **3-lever feed handle!**

With "Safe Lock" key chuck . . 0 to ½ inch capacity, with key. Exclusive "Perma-Coil" spiral coil quill return-spring. Rubber cushion absorbs quill return shock; preloads quill bearings to take up wear and reduce spindle end play after long use. Positive acting quill locks permitting you to do routing, shaping and mortising using proper attachments. (Attachments not included; see pages 34 and 35.) Depth gauge graduated in 16ths of an inch. Stop nuts may be set for repetitive drilling.

10x10 inch ground cast semi-steel table tilts 0 to 90 degrees right or left . . slotted to hold fixtures. Base has 10x10-inch working surface.

SPECIFICATIONS	A 99 A M2314	B 99 A M2313
Depth of throat	7½ inches	7½ inches
Spindle	No. 33 Jacobs taper	
Bearings	4 sets precision ball	
Chuck capacity	0 to ½-inch	0 to ½-inch
Spindle travel	4 inches	4 inches
Quill diameter	1⅝ inches	1⅝ inches
Depth gauge graduations	1/16 inch	1/16 inch
Column diameter (outside)	2¾ inches	2¾ inches
Table size (work surface)	10x10 inches	10x10 inches
Table travel	43 13/32 in.	13 3/32 in.
Distance, base to chuck, maximum	48 inches	17⅜ inches
Machine and motor pulleys (included)	5-in. 4 step	5-in. 4 step
V-belt (included)	⅜x44 inches	⅜x44 inches
Motor recommended, minimum	½ H.P. 1750 R.P.M. 610 to 5000 R.P.M.	
9 speeds from	16 1/16x14½ in.	9½x14⅜ in.
Mounting dimensions		
Overall dimensions		
Height	68⅝ in.	36⅛ in.
Width	18⅛ in.	12⅞ in.
Depth	24 in.	19 in.

A **99 A M2314—Floor model without motor.** Shipping weight 179 pounds. **$102.50**

99 A M2331—Floor model (as above) with ½-H.P. 1750 R.P.M. capacitor ball bearing 110-120-volt, 60-cycle A.C. motor. Shipping weight 213 lbs. **$131.00**

B **99 A M2313—Bench model without motor.** Shipping weight 137 pounds. **$89.50**

99 A M2330—Bench model (as above) with ½-H.P. 1750 R.P.M. capacitor ball bearing, 110-120-volt, 60-cycle A.C. motor. Shpg. wt. 171 lbs. **$118.00**

99 A M2260F—Drill Press Head only. With "Safe-Lock" key chuck, with key; without motor pulley and V-belt. Shpg. wt. 66 lbs. **$55.00**

99 A M2332F—Drill Press Head only, without chuck, motor pulley and V-belt. Shipping weight 64 pounds. **$47.50**

NOTE: *Drill Press Heads only shipped freight or express from Southern Michigan. You pay shipping charges on delivery.*

"Safe-Lock" Chuck (described and illustrated at top of page). Both models fit drill press with both 1 1/16-in. x 20-thread collar and Jacobs No. 33 taper. Chuck key included.

9 A 2962—Capacity 0 to ½-in. Shpg. wt. 1 lb. 8 oz. . **$9.00**

9 A 2963—Capacity ¾ to ½-in. Shipping weight 1 pound 2 ounces. **8.50**

CRAFTSMAN "80" Drill Presses

REG. U.S. PAT. OFF.

- Designed and built for home craftsmen
- Drills to center of 13½-in. circle
- 9x9-in. table . . perfectly aligned

CRAFTSMAN "80" Professional Quality. With "Safe-Lock" key chuck. 0 to ½-in. capacity. 4 sets heavy duty, shielded ball bearings. Lubricated for life!

With "Perma-Coil" quill return-spring. Rubber cushion absorbs quill return shock and preloads quill bearings. Adjustable stop nuts for repetitive drilling. Depth gauge graduated in 16ths. 2¼-in. diam. column. Tapered pin holds table on support in alignment at horizontal position. Tilts 0 to 90°. Cast semi-steel; slotted for attachments.

SPECIFICATIONS (99 A M2364 above): Depth of throat 6¾-in.; Spindle No. 33 Jacobs taper; Bearings 4 sets precision ball; Chuck Capacity 0 to ½-in.; Spindle travel 3⅛ in.; Quill diameter 1⅝-in.; Depth gauge graduations 1/16 in.; Outside column diameter 2¼ in.; Table size 9x9 in.; Table travel 14 in.; Base size (working surface) 9x9-in.; Base to chuck, maximum 14 in.; Machine and motor pulley (included) 5-in. 4-step.; V-belt (included) ½x41 inches; Motor recommended, minimum ½-H.P. 1750 R.P.M.; 9 speeds 610 to 5000 R.P.M.; Mounting dimensions 8⅝x12 1/32 inches; Overall dimensions: Height 31⅝ in.; Width 11⅞ in.; Depth 16⅝ in.

SPECIFICATIONS (99 A M2357 above): Same as (99 A M2364 above) except: Table travel 40⅛ in.; Base to chuck maximum 45⅛ in.; Mounting dimensions 12 9/16x 14 9/16 in.; Overall dimensions: Height 60 5/16 in.; Width 15 in.; Depth 21⅛ in.

NEW Work-height CRAFTSMAN "80" Drill Press. 60⅛ inches high! Mount on floor of your workshop . . no need to buy extra work bench. Saves you money!

A 99 A M2364—Without motor. Wt. 108 lbs. **$81.50**
99 A MT2366—With ½-H.P. 1750 R.P.M. capacitor 110-120-volt, 60-cycle A.C. ball bearing motor. Shipping weight 142 pounds **$110.00**

B 99 A M2357—Without motor. Wt. 135 lbs. **91.50**
99 A MT2378—With ½-H.P. 1750 R.P.M. capacitor 110-120-volt, 60-cycle A.C. ball bearing motor. Shipping weight 161 pounds **$120.00**
99 A M2259F—**Drill Press Head only.** With "Safe Lock" key chuck with key; less motor pulley and V-belt. Shipping weight 61 pounds **$47.50**
99 A M2322F—**Drill Press Head only.** Without chuck, motor pulley or V-belt. Shpg. wt. 59 lbs. **$39.50**

NOTE: Drill Press heads only shipped freight or express from factory in Southern Michigan. Pay shipping charges on delivery.

DUNLAP Drill Press

REG. U.S. PAT. OFF.

C **DUNLAP. Drills to center of 12¼-inch circle;** maximum spindle travel 3 inches. Three porous bronze bearings; ball thrust bearing absorbs spindle thrust. "Floating Drive" spindle assembly eliminates side pull of belt and pulley "whip." With "Safe-Lock" key chuck (5/64 to ½-inch capacity) with key. Adjustable stop collar for repetitive drilling. Depth gauge accurately graduated in 16ths of an inch. "Perma-Coil" quill return spring; rubber cushion absorbs return shock. 7¾x7¾ inch smooth ground semi-steel table, does not tilt.

SPECIFICATIONS:

- Depth of throat . . . . . 6⅛ inches
- Spindle . . . . . No. 33 Jacobs taper
- Bearings . . . . . 1 ball thrust; 3 porous bronze
- Chuck capacity . . . . . 5/64 to ½-inch
- Spindle travel . . . . . 3 inches
- Outside diameter of column . . . . . 1⅞ inches
- Table size . . . . . 7¾ x 7¾ inches
- Table travel . . . . . 7 1/16 inches
- Base size (working surface) . . . . . 7¾ x 7¾ inches
- Base to chuck maximum . . . . . 9 13/16 inches
- Machine and motor pulley (included) . . . . . 4-inch 4 step
- V-belt (included) . . . . . ½x37 inches
- Motor recommended, minimum . . . ½-H.P. 1750 R.P.M.
- 9 speeds . . . . . 765 to 4000 R.P.M.
- Mounting dimensions . . . . . 7 5/16 x 11 1/16 inches
- Overall dimensions: Height 26⅜ inches; width 10⅛ inches; depth 15½ inches

99 A M2362—Without motor. Shipping weight 80 lbs. . **$48.50**
99 A MT2363—With ½-H.P. 1750 R.P.M. ball bearing split phase motor. 110-120-volt, 60-cycle AC. Shipping weight 107 pounds **$69.00**

Buy your drill press NOW on Sears Easy Terms—pay a small down payment, the balance monthly. See inside back cover for details.

Look at all the operations you can do with your drill press!

ROUTING

PLANING

DOVETAILING

You can do all the operations shown here with your drill press . . . AND you can cut keyways, do milling . . plus dozens of other jobs. See pages 34 and 35 for useful accessories to make your drill press the handiest tool in your workshop.

MORTISING

SHAPING

SANDING

For additional information on Sears Power Tools write to Sears Personal Service Department

CRAFTSMAN Drill Press Accessories to match your skill

REG. U.S. PAT. OFF.

CRAFTSMAN Vari-Slo Speed Control

[A] For use with CRAFTSMAN drill presses 99AM2314, 99AM2331, 99AM2313, and 99AM2330 on page 32. The only attachment we know of that gives a 12 to 1 ratio with just one hand lever, without changing belts! You can drill ½-inch holes in steel, and increase the R.P.M. to routing and shaping speeds in a few seconds! Enables you to select *any speed* from 300 to 3750 R.P.M. without stopping the spindle. Just slide the hand lever and lock it at desired speed as shown on speed indicator. Hand lever and speed indicator are located in front, at top of drill press head.

Easily and quickly installed—right on drill press column. No holes to drill or tap! Well made of tough aluminum alloy and cast Tenzaloy. Variable speed pulleys are mounted on 4 grease-sealed ball bearings; lubricated for life. All steel parts are plated to resist rust. Comes with 3 CRAFTSMAN V-belts, set screw wrench and instructions.

9 A 2340—Shpg. wt. 5 lbs. 4 oz. **$22.95**

See inside back cover for Sears Easy Terms

Milling Vises

[B] **Milling Vise.** Use your drill press as a milling machine! It's an indexing table, rotary table and milling table! Use on drill presses, milling machines, surface grinders or shapers. Precision built. Table rotates 360°. *Dual crossfeed* 2½ in. each side or 4¾ in. over-all; calibrated in thousandths. *Rotary feed;* calibrated in degrees.

99 A 02496K—Shpg. wt. 37 lbs. **$51.50**

99 A 02493K—As above, but without rotary feed. Shpg. wt. 35 lbs. **$41.50**

[C] **Drill Press Milling Vise.** Bolts on drill press table; adapts to shaper, lathe or grinder. Work is locked on 7x7-inch table between 2 adjustable jaws, moved to any horizontal position by 2 cross-feed controls. 6-inch travel base graduated 180°. 3½-inch vise capacity. Jaws 3 inches wide, 1⅝ inches high. Wrench.

99 A 02432K—Shpg. wt. 32 lbs. **$40.75**

CRAFTSMAN Drill Press Vises

[D] **CRAFTSMAN Drill Press Angle Vise.** Professional quality. For quick, accurate set-ups without use of clamps or wedges. Can be adjusted at any angle from 0 to 90°, or used like a regular drill press vise when horizontal. Can be used with magnetic chuck. Has steel adjusting screws. Fine pitch thread; long bearing in vise body. 2 7/16-in. jaws open to 2½-in. 9 in. long over-all. Machined cast iron; has steel jaws grooved for holding round or tapered pieces. Rust-resistant finish.

9 A 2756—Shipping weight 9 lbs. 12 oz. **$8.25**

[E] **CRAFTSMAN Drill Press Vise.** Professional quality. Versatile . . . precision-squared sides make it possible to use this vise on end, or on either side, in addition to its normal horizontal position. Also can be used with magnetic chuck. Easy to set up. Accurately machined cast iron construction; rust-resistant finish. Precision-cut steel adjusting screws; fine pitch thread and long bearing in vise; smooth and easy working. 2 7/16-in. steel jaws; grooved horizontally and vertically for holding round, oval or tapered pieces; open to 2½ inches; 7¼ inches long over-all.

9 A 2755—Shipping weight 4 lbs. 12 oz. **$5.25**

CRAFTSMAN Slow-Speed Attachment. The right speed for every drill press job. 20 speeds from 200 R.P.M. to about 15,000 R.P.M. A complete range for the low speeds required for metal drilling even with ½-inch drill. Ball bearing construction. Balanced 4-step, cone-type pulley. 2 V-belts included. We recommend ½-H.P. 1750 R.P.M. motor (minimum).

[F] Fits Nos. 99AM2314, 99AM2313, 99AM2364 (pages 32 and 33), and many other drill presses with 2 or 2½-inch (plus .005-inch) inside diameter column.

9 A 2338—Shpg. wt. 4 lbs. 2 oz. . **$11.50**

9 A 2399F*—(Not shown.) Fits former drill presses 2482, 2483, others with 2½-inch (plus .005-inch) inside diameter column. Shpg. wt. 5 lbs. **$11.50**

9 A 2394F*—(Not illustrated). Fits drill presses with 2½-in. (plus .005-inch) inside diam. column. Wt. 5 lbs. **$11.50**

9 A 2397F*—(Not shown.) Fits drill presses with 2-in. (plus .005-in.) inside diameter column. Shpg. wt. 5 lbs. **$11.50**

**Shipped from factory in central Michigan*

[G] **Drill Press Collars.** Locks on column under drill press head or table. Easy to swing head or table around for working at different positions.

9 A 2429—For drill presses on page 32, or any drill press with 2¾-in. outside diam. column. Shpg. wt. 2 lbs. 8 oz. **$2.55**

9 A 2427—For 99AM2364 drill press listed on page 33, or any drill press with 2¾-inch outside diameter column. Shipping weight 2 lbs. 8 oz. **$2.50**

[H] **Head and Table Lift.** For 99AM2314 and other floor model drill presses with 2¾-in. outside diam. columns. Acme-threaded lift screw with bevel-gear drive controlled by crank handle. Both support collars have co-ordinate clamp locks. Each turn of crank gives ⅛-in. travel. Maximum travel at any one setting 12 in. Gear case and upper support collar is one piece. Ball thrust bearing; absorbs load on the screw.

99 A 02419K—Shipping weight 30 lbs. **$24.25**

[J] **CRAFTSMAN Hold-down and Guide.** Fits almost any drill press table. For mortising, routing, planing or repetitive drilling. Fingers on hold-down prevent work from being lifted when chisel or drill is raised. Adjustable for thick or thin materials. Fence keeps work lined up. Attachment bolts to drill press table. Heavy cast iron construction.

9 A 2457—Shipping weight 5 lbs. 8 oz. **$4.75**

[K] **CRAFTSMAN Rotary Planer.** Fits drill presses having No. 33 Jacobs taper and 1 1/16-in. x 20-threaded side thrust nut or locking collar. Diameter 3⅝ in. With Allen wrench.

9 A 2745—Shipping weight 8 oz. **$5.25**

[L] **CRAFTSMAN Sanding Drums.** For drill presses, flexible shafts, electric drills, etc. 1-in. faces; ¼-in. plain spindle, 1½ in. long. Use with collet chuck.

9 A 2497—1½-in. diameter. Shipping wt. 5 oz. . . . . Each **85c**
9 A 2498—2 9/16-in. diameter. Shipping wt. 6 oz. . . . . Each **95c**
9 A 2499—3-in. diameter. Shipping wt. 9 oz. . . . . Each **$1.20**
9 A 2442—**Sanding Drum Sleeves.** Fine or coarse grit. *State diameter and grit wanted.* Shipping weight 3 oz. . Package of 6, **39c**

[M] **CRAFTSMAN 6-pc. Rotary Cutter Set.** High speed steel cutters; ¼-inch diameter shanks. For flexible shafts, electric drills, bench drills, etc. For carving, filing, milling, routing, chamfering on wood, plastic and metal (except hardened steel). One each of sizes and shapes listed below.

9 A 2985—Shipping weight 6 oz. . . . . 6-piece set **$6.25**

Individual Rotary Cutters. Shipping weight each 3 ounces.

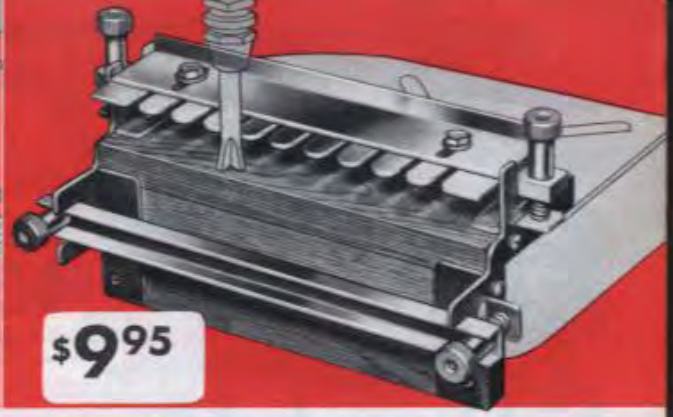
9 A 2966—¼-inch. Cylindrical shape . . . . . Each **$1.15**
9 A 2967—¼-inch. Spherical shape . . . . . Each **$1.15**
9 A 2968—⅜-inch. Elliptical shape . . . . . Each **1.15**
9 A 2969—¼-inch. Tree shape (radius end) . . . . . Each **1.15**
9 A 2970—⅜-inch. Tree shape (pointed end) . . . . . Each **1.15**
9 A 2971—¼-inch. Conical shape . . . . . Each **1.15**

[N] **CRAFTSMAN Circle Cutters.** For small jobs. For standard bit brace. Cuts 1 to 5½-in. diameter. Removable bit.

9 A 3640—With set screw wrench. Shpg. wt. 10 oz. **$2.39**

[P] **Heavy duty.** ½-in. shank for use in drill press, electric drill. Cuts holes 2 to 8 in. in diameter up to 1 in. deep. With removable high speed steel bit. Set screw wrench included.

9 A 3641—Shipping weight 10 ounces. **$4.75**



Make Sears your headquarters for Drill Press Accessories

CRAFTSMAN Shaper Fence Attachment

Converts your drill press into a shaper! Ideal for the home craftsman. Fence gives support necessary in making picture frames, sashes and a large variety of mouldings and trimmings. Fits drill presses 99 AM 2314, 99 AM 2313, 99 AM 2364 and 99 AM 2362 on pages 32 and 33 or almost any other drill press.

Unit fastens to drill press table with wing nuts. Once installed, it can be left undisturbed during operation adjustments. Fence faces of hardwood, each 6¾ x 2¼ inches, have **separate** finger-tip micrometer type adjustments with 1¼-in. maximum forward and back travel; and open from 1-inch for smallest diameter shaper cutter to 3-inch maximum for large cutters and sanding drums. Fence faces are planed to within .005-in. accuracy **after** assembly of unit. One-piece cast aluminum; has opening in back for chip outlet. Cutter enclosed for maximum safety. Adjustable steel hold-downs maintain constant pressure on work; have one-screw locks . . . no chatter or jumping. Hold-down assembly shifts quickly to either end of unit for regular or reverse feeding. (Cutters and attachments not included; see below.) Buy now . . . a valuable addition to your workshop.

9 A 2487—Shipping weight 5 lbs. **$11.50**

Dovetailing Attachment

Makes perfect dovetail joints! Both pieces of wood are cut at the same time! Pieces to be dovetailed are held at right angles in clamp, and cutter is guided through one piece into the other. Complete with hardened steel spacing comb, to guide shank of router to predetermined depth; end plates; screw fittings and clamps for holding work; wood parts. Complete with instructions. Dovetail cutter bit not included. Use 9 A 2411 (below). Buy all your workshop needs on Sears Easy Terms. See inside back cover. Shipping weight 5 pounds 8 ounces.

9 A 2462—For ½-in. dovetailing only. **$9.95**

[A] **CRAFTSMAN Drill Press Shaper Set.** Shapes almost any contour, including tongue and groove. 4½-in. high; ½x4½-in. spindle. Operates at 5000 R.P.M.; blade guard for safety. With 5 assorted tool steel blades (¾-in. wide) and Allen wrench. Use with ½-in. collet chuck or "Safe-Lock" chuck. Has blade guard for extra safety.
9 A 2486—Shpg. wt. 10 oz. **$2.85**

[B] **Sash and Door Cutter Kit.** Fits 99AM2392 (page 19) and former shaper 2381. 5 spring collars (1/16, ¼, 5/16, ½ and 1-in. wide) with ½-in. bore; sash cutter blade. Wrench; 3 recessed nuts (½x24, ½x20 and ½x16-in. thread). Use with 9A2483 adapter below.
9 A 2407—Shpg. wt. 8 oz. **$3.50**

[C] **Adapter with holding collar** for all ½-in. bore shaper cutters. Fits 99AM2314, 99AM2313, 99AM2362 and 99AM2364 (pages 32; 33); or any drill press with No. 33 Jacobs tapered spindle. Adapter has holding collar to screw on drill press. ½-in. x 20-thread.
9 A 2483—Shpg. wt. 10 oz. **$1.80**

High-speed Tool Steel Woodworking Cutters. For drill press carving, round-end mortising, dovetailing, boring, round edging, reeding and routing. Precision ground to exact size, of finest quality **high-speed** tool steel. All have ¼-in. shanks. **Fit "Safe-Lock" chucks, and 9A2467 or 9A2271 collet chucks described at right. CAUTION: Never use these cutters in regular Jacobs or other 3-jaw chucks!**

Hold work against a fence to obtain parallel and accurate routing when using routing bits. (See 9A2457 hold-down guide, which is described on opposite page.) Shipping weight each 2 ounces.

[D]	9 A 2400—⅛-in. router. . . .	**$1.25**
[E]	9 A 2401—¼-in. router. . . .	1.30
[F]	9 A 2402—⅜-in. router. . . .	1.35
[G]	9 A 2403—½-in. router. . . .	1.55
[H]	9 A 2404—⅝-in. router	1.80
[J]	9 A 2410—⅜-in. dovetail. . .	1.35
[K]	9 A 2411—½-in. dovetail. . .	1.55
[L]	9 A 2415—½-in. carving. . .	1.55
[M]	9 A 2416—¾-in. carving. . .	1.80

[N] **CRAFTSMAN Power Boring Countersink.** Adapted for high-speed application in drill presses and electric drills. Accommodates full range of screw sizes. Has ¼-inch shank. For wood.
9 A 2080—Shpg. wt. 2 oz. **49c**

[P] **Collet Chuck with Holding collar.** For high-speed tool steel woodworking cutters listed at left, or any ¼ or ½-inch diameter shank. ½-inch capacity with ¼-inch bushing. Fits any drill press with No. 33 Jacobs taper spindle. Has holding collar to screw right on drill press. Replaces three-jaw chucks for any work developing side thrust, as in routing. Remember . . . Sears Easy Payment Plan makes it easy to equip your power tool shop. See inside back cover.
9 A 2467—Shpg. wt. 11 oz. **$1.80**

[R] **Screw-on type Collet Chuck.** Use with cutters listed at left. Fits any ½-in. x 20-thread spindle. Can be used with 9 A 2483 adapter at far left. Shipping weight 3 ounces.
9 A 2271—¼-inch capacity. **$1.05**
9 A 2269—½-inch capacity. 1.30

CRAFTSMAN Mortising Chisel Housing. Cut square holes with your drill press. Housing mounts on quill. Bit drills round hole; hollow chisel trims corners square. Makes drill press an accurate mortising machine.

[S] 9 A 2464—**Mortising Chisel Housing.** For presses 99AM 2314 and 99AM2313 (page 32), and 99AM2364 and 99AM2362 (page 33). Use with 9A2420 and 9A2422 (listed below) or almost any mortising chisel and bit. Shipping weight 3 pounds 8 ounces. . . **$4.15**
9 A 2461F—**Mortising Chisel Housing.** Use with 9A2420 and 9A2422 (below) or almost any mortising chisel and bit. Shipped from factory in Kalamazoo, Mich. You pay transportation charges on delivery from there. Shipping weight 3 pounds. **$4.25**

[T] 9 A 2420—**Hollow Chisel.** For use with 9A2464 or 9A2461F (above). ¼, ⅜ and ½-in. *State size.* Shpg. wt. 4 oz. **$2.85**

[U] 9 A 2422—**Mortising Bit.** For use with 9A2420 (listed above). ¼, ⅜ or ½-in. *Please state size.* Shpg. wt. 4 oz. **$1.75**

CRAFTSMAN Drill Sets in handy hinged metal cases. Drills are precision ground to assure clean, accurate, easy cutting action in wood or metal. Professional quality. Cases are marked for quick drill selection; serve as protective carrying kits or useful work bench stands. Use carbon steel drills for hand, breast or bench drills operating at relatively low speeds. Use high-speed drills for electric drills, drill presses and other power-driven tools.

[V] **CRAFTSMAN 7-piece High-speed Drill Set.** Professional quality. For use in power-driven tools. Sizes: 1/16, 3/32, ⅛, 5/32, 3/16, 7/32 and ¼-inch. Comes in convenient metal folding case. Send your order now. Shipping weight 7 oz.
9 A 6689. . . . . **$2.65**

[W] **CRAFTSMAN 10-pc. Drill Sets.** Choice of carbon steel drills or high-speed. Sizes: 1/16, 3/64, 1/32, 5/64, ⅛, 9/64, 3/32, 7/64, 1/16, 9/32 and ¼-inch.

9 A 6688—Carbon steel. Shpg. wt. 9 oz. Set **$1.95**

9 A 6690—High-speed steel. Shpg. wt. 8 oz. Set **$3.40**

[X] **CRAFTSMAN 13-pc. High-speed Drill Set.** Professional quality. For use in electric driven tools. Includes the following sizes: 1/16, 5/64, 3/32, 7/64, ⅛, 9/64, 5/32, 11/64, 3/16, 13/64, 7/32, 15/64 and ¼-inch. Shipping weight 12 ounces.
9 A 6691. . . . . Set **$4.85**

CRAFTSMAN Carbon or High Speed Steel Drill Sets in Drill Stand. Hole sizes marked in stand. Use **carbon steel** for hand or breast drills; **high speed** for electric drills, drill presses.

[Y] **CRAFTSMAN Sets of 29 Drills.** 1/16 to ½-in. by 64ths. Shpg. wt. 4 lbs. 2 oz.
9 A 6702—Carbon steel . **$10.50**
9 A 6704—High speed 21.75

CRAFTSMAN Sets of 60 Wire Gauge Drills. (Not shown.) Sizes 1 to 60. Shipping weight 2 pounds 12 ounces.
9 A 6701—Carbon steel. . . **$9.50**
9 A 6707—High speed. 18.50

CRAFTSMAN High Speed Twist Drill Sets in handy metal folding cases. Professional quality. High speed steel, hardened and tempered. Precision ground for clean, easy cutting. Use in electric drills, drill presses, and other power-driven tools. In compact metal cases. Each case contains two drill panels which fold into box like pages of a book. Each compartment marked with proper drill size and decimal inch equivalent.

[Z] 9 A 6719—21-piece Drill Set. Sizes: 1/16 to ⅜-inch by 64ths of an inch.
Shipping weight 2 lbs. **$11.75**

[AA] 9 A 6720—15-piece Drill Set. Sizes: 1/16 to ½-in. by 32nds of an inch.
Shipping weight 2 pounds 6 ounces. **$12.80**

Drills wood, metals, plastics, etc. | Polishes cars amazingly fast and easy. | Polishes and waxes furniture, etc. | Buffs silverware and other metals. | Grinds and sharpens knives, tools, etc. | Sands floors, furniture, etc.—fast! | Mixes paints and other liquids.

New CRAFTSMAN 46-piece Electric Drill Sets

REG. U.S. PAT. OFF.

New 1/5-H.P. Drill. Rugged, Compact, Powerful. Precision Construction

The finest, most complete, most versatile drill set we've ever offered! The finest because we are introducing a NEW, vastly improved 1/5-H.P. CRAFTSMAN 3/8-in. drill. This handy, lightweight drill has extra power . . it is extra rugged, made for hard continuous use. Handles ALL 3/8-in. accessories. Rugged die-cast aluminum alloy frame is reinforced to support drill attachments . . assures rigid support when grinding, buffing, etc. All castings are precision made and machine fit to extremely close tolerances. Has 22-bar undercut commutator for long brush life . . 2 coil armature construction. Full ball bearings on chuck spindle and front end of motor. Precision needle bearing at end of chuck spindle; sleeve bearing at rear of motor. Double-reduction chrome molybdenum gears. Compact . . . with minimum chuck offset, for close-quarter work. Finest "Supreme" precision geared key chuck; 3/8-in. capacity. No-load chuck speed 1900 R.P.M. Formvar insulation. Universal motor for 110–120-volt, 25–60-cycle, AC-DC. Safety release locking trigger . . permits operator to hold work with both hands when drill is used in horizontal steel stand. Complete with 10-ft. 3-wire rubber cord and unbreakable plug. Drill is approved by Underwriters' Laboratories Inc. Guaranteed 1 year—We will repair any electric drill (on this page) found defective in materials or workmanship, at no extra charge, if returned to us within 1 year from purchase date. Drill is available with Saw-grip or Pistol-grip.

Accessories included in 46-piece Set: 10 *high speed* drill bits, 1/16 to 3/8-in. graduated in 32nds of an inch (not carbon bits as in most sets), 10-piece interchangeable power wood bit set with plastic case; two 4-in. cloth buffers for buffing furniture, silverware, automobiles, etc.; 6-oz. bar "All Purpose" buffing compound, for use on metals or plastics; 3x3/4-in. aluminum oxide grinding wheel, medium fine grit, for knife and tool sharpening, etc.; 6-in. rubber backing plate for sanding disc; accessory adapter, for attaching backing plate, grinding wheel, buffs, etc.; 6 1/2-in. lamb's wool polishing bonnet, fits over rubber backing plate, use for polishing wax surfaces; 4x1/2-in. wire scratch wheel, crimped steel wire, fine; twelve 6-in. aluminum oxide sanding discs, assorted grits, for use on wood or metal; horizontal steel stand, permits use of drill as bench tool; paint mixer, use also for stirring any heavy liquid such as oil, molasses, etc. at high speed for thorough mixing; chuck spanner wrench; 12 1/16x13 9/16x5 1/2-inch portable steel case (stands up or hangs on wall) with hooks for accessories and miscellaneous tools.

9 A 773—46-piece Set with Saw-grip Drill. Shipping weight 12 pounds..... $43.50

9 A 772—46-piece Set with Pistol-grip Drill. Shipping weight 12 pounds..... 43.50

A 9 A 771—Saw-grip Drill only. Length 10 1/2 inches. Shpg. wt. 4 lbs. 10 oz.. 28.50

B 9 A 770—Pistol-grip Drill only. Length 7 3/4 in. Shpg. wt. 4 lbs. 6 oz..... 28.50

NEW CRAFTSMAN Drill Sets with Saw Attachment

$52.95 CASH

$5.50 Down on Terms

With Saw-grip Drill or Pistol-grip Drill

A complete home workshop with the NEW 1/5-H.P. CRAFTSMAN 3/8-in. drill (described in detail above). Die-cast aluminum alloy frame is reinforced to support drill attachments. Has 22-bar undercut commutator for long brush life . . 2-coil armature construction. Full ball bearings on chuck spindle and front end of motor. **Guaranteed 1 year**—see guarantee above. Drill is **UL approved.** Double reduction chrome molybdenum gears. Finest "Supreme" precision geared key chuck; 3/8-in. capacity. No-load chuck speed 1900 R.P.M. Universal motor for 110–120-volt, 25–60-cycle AC-DC. Safety release locking trigger. With 10-ft. 3-wire cord and plug.

Accessories included in 49-piece Set. All accessories listed in 9 A 772 and 9 A 773 above PLUS saw attachment which permits you to use drill as portable hand saw; countersink; power bit extension. Steel case also is larger, measuring 12 1/16x15 9/16x5 1/2-in. You get, in this outstanding 49-pc. set: 10 high-speed drill bits, 1/16 to 3/8-in. graduated in 32nds; 10-pc. interchangeable power wood bit set with plastic case; two 4-in. buffers; buffing compound; 3x3/4-in. grinding wheel; 6-in. rubber backing plate; accessory adapter; 6 1/2-in. sheepskin bonnet; 4x1/2-in. wire scratch wheel; twelve 6-in. aluminum oxide sanding discs; horizontal steel stand; paint mixer; chuck spanner wrench; PLUS the saw attachment; countersink; power bit extension and larger case described above.

99 A 0774—49-pc. Set with 7 3/4-in. Pistol-grip Drill. Shpg. wt. 15 lbs..... $52.95

99 A 0775—49-pc. Set with 10 1/2-in. Saw-grip Drill. Shpg. wt. 15 lbs..... 52.95

CRAFTSMAN Heavy Duty Drills

REG. U.S. PAT. OFF.

Priced lower than many standard duty ¼-inch drills!

A B GUARANTEED 1 YEAR.* Superb professional quality, NOT standard duty electric drills, but genuine heavy duty design—priced lower than many standard duty drills! Compact . . . super-powered . . . **for continuous production work.** The finest combination of power, size, and weight in a ¼-inch drill we've ever seen! Entire drill—not just the cord—**approved by Underwriters' Labs, Inc.** (industrial standards.) Meet Dept. of Commerce Commercial Standards.

Powerful 110–120 volt, 25 to 60-cycle A.C.-D.C. universal motor; won't stall on toughest jobs. Strong, lightweight, die-cast aluminum alloy frame. Finest large "Supreme" heavy duty, precision-geared key chuck; ¼-inch capacity. Longer-life, **double-reduction,** nickel-chrome-molybdenum steel gears. Two precision ball bearings on motor shaft; two on gear spindle; one for thrust. Needle bearing on chuck spindle. No-load chuck speed 1600 R.P.M. Single-pole trigger switch; automatic safety release; lock for continuous running. Your choice of pistol-grip or saw-grip handle. With 10-foot 3-wire rubber-covered cord and unbreakable plug. Steel carrying case not included (sold separately under 9A2550 below). *Order by catalog number.* Shipping weight each 5 pounds 4 ounces.

A 9 A 2571—**Saw-grip Drill.** Overall length 10¾ inches **$39.50**

B 9 A 2570—**Pistol-grip Drill.** Overall length 7½ inches **39.50**

9 A 2550—**Steel Carrying Case** for above electric drills; has room for accessories. 13¼x4¾x8 inches. Lift-off top. Shipping weight 4 lbs. **3.49**

***GUARANTEED!** If this electric drill shows any defects in material or workmanship, we will repair it at no extra charge if returned within one year from the purchase date.*

CRAFTSMAN. *Lowest price we know of for power wood bits in this boring range!* New, revolutionary design permits the use of interchangeable cutters on ONE shank . . . you SAVE on the extra materials and labor that would go into making individual wood bits. And even more—*we're convinced they are the fastest, easiest, cleanest boring bits on the market today!*

$2.98 10-pc. Set

Cutters bore easily in all wood, hard or soft, against or with all grains. With these bits you can bore pressboard, plastic, plaster, plywood, Masonite Presdwood, etc. Develop minimum friction . . . require less power. Can be used for ¼-in. electric drills and in drill presses. Cutter sizes include ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1⅛, and 1¼ inches. Set comes in handy plastic box. For 12-in. extension, see 9A2090 below.

9 A 2082—Shipping weight 11 ounces . . . . . 10-piece Set **$2.98**

CRAFTSMAN Power Wood Bit Set

C Flat design provides quick, easy drilling of large holes in hard or soft wood with electric drill (¼ or ½-in. capacity) or drill press. Bores holes ¾ to 1-in. diam., up to 5-in. deep—even through knots. Won't bind; won't overload drill. Chips clear automatically. Hardened, tempered alloy steel. 6½ inches long.

9 A 2092—**Set of 6**, one each of sizes below. Shipping weight 12 ounces **$3.98**

Separate sizes . . . . . Each **89c**

9 A 2093— ¾ in. Shipping weight 2 ounces.
9 A 2094— ⅞ in. Shipping weight 2 ounces.
9 A 2095— 1 in. Shipping weight 3 ounces.
9 A 2096— 1¼ in. Shipping weight 3 ounces.
9 A 2097— 1½ in. Shipping weight 3 ounces.
9 A 2098—1 in. Shipping weight 3 ounces.

D 9 A 2090—**12-in. Power Bit Extension.** Fits above bits and 9A2082 (above). Ideal for drilling into narrow places between rafters, joists, etc. Shpg. wt. 12 oz. **$1.49**

Professional quality Accessories to make your Electric Drill more useful

E **CRAFTSMAN Circular Saw Attachment.** Converts electric drill to portable hand saw or small bench saw. (Not for production use.) Fits most ¼-inch or larger electric drills. For best results, use with drills of at least the power and quality of 9A770 or 9A771 on page 36. Attaches quickly, easily. Self-lubricating bronze bearings. 4-in. blade; adjusts for depth of cut (to 1¾ in.); tilts any angle to 45°.

9 A 2606—Shpg. wt. 4 lbs. . . . **$10.95**

9 A 4910 . . **4-inch Blade.** For saw attachment 9A2606 (above). ½-⅝-inch arbor. Shipping weight 8 ounces **$1.19**

F **25-ft. Extra heavy duty Extension Cord.** For power tools, large motors. Rubber covered. 2 heavy (10-gauge) conductors. **UL approved.** Male plug; female receptacle. *Use up to 100 ft. (4 cords) only, from current source.* Shpg. wt. 4 lbs. 11 oz.

34 A 5884 . . . . . Each **$8.50**

G **DUNLAP Drill Press Stand.** Converts your ¼-in. electric drill into an accurate, sturdy drill press. Permits horizontal sanding and polishing as well as vertical drilling. Clamp rotates full 360°. Feed handle has compound leverage for drilling steel. Built-in compressor spring holds drill in raised position when not in use.

Maximum head travel 2¾ inches. Outside column diameter 1⅝ inches. Cast iron base table; 6x6-inch ground working surface. Depth-of-cut collar. Over-all height 25 in. Can also be used with electric hand grinder 9A7516 (see page 39). Shipping wt. 16 lbs.

99 A 02589 . . . . . **$13.50**

H **Spin-A-Brush Attachment.** Cleans paint brushes in 90 seconds. Fits ¼-in. electric drill or larger of 1600 R.P.M. or less. Durable clamp; die-cast cup, ring; steel arms; rust-resisting finish. ¼-in. steel shank.

9 A 2605—Shpg. wt. 1 lb. **$2.19**

J **CRAFTSMAN Sander-Polisher.** Converts ¼-in. drills like 9A770, 9A771 (page 36) and 9A2570, 9A2571 (page 37) into sander or polisher. Cast aluminum housing, base plate. Sealed ball bearing on eccentric drive. 3½x7-in. oscillating pad. 6½ in. high. With wrench and instructions.

9 A 2603—Shpg. wt. 2 lbs. 8 oz. . **$9.95**

K **CRAFTSMAN 10-pc. Angle-Drive Buffer-Sander-Polisher Kit.** Fits ¼-in. or larger drills. Angle design gives comfortable wrist position. Adds 2 more speeds to regular drill speed. Needs no oil. Includes angle head, speed adapter, polishing bonnet, rubber sanding plate, 6 sanding discs.

9 A 2604—Shpg. wt. 2 lbs. **$6.85**

L **Arbor for Electric Drills.** Can be used for holding grinding wheels, wire wheels, buffing wheels, etc. High carbon steel. ¼-in. shank; ⅝-in. x 20-thread arbor. 1¼-in. flanges with nuts. 3½ inches long overall. Shipping weight 6 ounces.

9 A 2594 . . . . . **70c**

M **CRAFTSMAN Electric Drill Hedge Trimmer Attachment.** Easy to attach . . . simple to use. Fits all electric drills with ¼-inch or larger chuck and 1600 to 2500 R.P.M. Same ⅝-inch stroke used by nearly all higher priced trimmers! Simple cam construction and gear reduction drive. Tempered sickle-type chrome-alloy steel blade cuts in both directions, 10⅝-inch blade; 8⅝-inch cutting edge and 3/16-inch twig openings. Shpg. wt. 3 lbs. 5 oz.

9 A 2607 . . . . . **$10.95**

N **CRAFTSMAN Roto-Saw Attachment.** Converts ¼-in. electric drill (1600 to 2500 RPM spindle speed) or drill press into power saw or filing machine. Cuts straight or irregular shapes in wood, metal, wallboard, etc. Lightweight die-cast case. 3½-in. long.

Includes: auxiliary handle (for two-hand use); hex wrench; drill press adapter; coarse blade for wood, wallboard, plaster, etc.; fine blade for sheet metal, tubing, etc.; medium blade for intricate shapes; instructions. (Also uses standard hack saw blades and files.) Shipping wt. 2 lbs.

9 A 2508 . . . . . **$9.95**

NEW CRAFTSMAN ½-inch Drill
REG. U.S. PAT. OFF.

A sensational NEW electric hand drill. **Delivers 25 percent more horsepower** than comparable drills selling at about $10.00 more. Designed and engineered for continuous heavy-duty service, it is ideal for use in factories, garages, machine shops, etc.

Anti-friction bearings throughout . . ball bearing armature; ball thrust bearings, and needle roller bearings on intermediate pinions and on in-board end of spindle. "Supreme" geared key chuck . . ½-in. capacity. Triple reduction stress-proof steel gears. Double pole auto-release trigger switch . . locks for continuous running. Rugged, heavy-duty cast alloy aluminum housing.

Auxiliary side handle is removable . . minimum chuck-offset permits drilling in tight corners and hard-to-get-at places. **Underwriters' Laboratories approved.**

Powerful Universal motor . . 550 R.P.M. no load spindle speed. Easily drives ½-inch bits in steel . . 1-inch bits in hardwood. For 110–120-volt, 25-60-cycle, AC or DC. Complete with 7-ft. cord . . unbreakable plug and chuck key. 13 in. long, 9½ lbs. We believe it to be the finest ½-in. drill on the market! **Please do not order before February 1, 1954.**

9 A 2580—CRAFTSMAN ½-inch Drill. Shipping weight 11 pounds 8 oz. **$49.95**

15-piece DUNLAP ½-inch Drill Set
REG. U.S. PAT. OFF.

For heavy duty service on the farm, in the garage, or in the shop! Our popular, compact DUNLAP ½-inch drill . . . PLUS a special selection of 14 practical, high-quality accessories. This rugged drill will easily drive ½-inch bits in steel and 1-inch bits in hardwood.

Approved by Underwriters' Laboratories. "Supreme" precision-geared key chuck; ½-inch capacity. Self-lubricating bronze bearings; ball thrust bearing on chuck spindle. **Stressproof alloy steel triple reduction gears.** Double-pole automatic releasing switch locks for continuous running. Powerful universal motor for use on 110–120-volt, 25 to 60-cycle AC or DC. No-load spindle speed 425 R.P.M. Drill comes complete with 7-foot, 3-wire rubber covered cord; unbreakable plug. Overall length 14 inches. **Accessories in Set:** 3 power wood bits (⅝, ¾, 1-inch); 12-inch power wood bit extension; 3 carbide-tipped masonry bits (¼, ⅜, ½-inch); 3 *high speed* bits (¼, ⅜, ½-inch); 6-inch wire wheel; 2¼-inch wire cup brush; adapter; and CRAFTSMAN all-steel mechanics' tool box. A complete heavy duty power tool set at this low price!

99 A 01716K—Complete 15-piece Set. Shipping weight 27 pounds. **$55.95**
9 A 2583—DUNLAP ½-inch Drill only. Shipping weight 10 pounds. **35.50**

CRAFTSMAN Production-type Drills

Extra-heavy duty. Built for heaviest production work in shop, factory or mill. By far our finest ball-bearing electric drills. We have compared them with other drills of the same capacity and are convinced there is no finer quality at anywhere near this low price. Has plenty of surplus power . . won't stall on any job when used with the largest drill size specified.

Approved by Underwriters' Laboratories. Meets Department of Commerce commercial standards. Special triple reduction gears made of heat-treated chrome nickel steel. Extremely high torque (turning motion). Smooth running, long life ball bearings throughout for quiet, efficient operation. Geared key chuck with chuck key. Lightweight aluminum alloy frame. Double pole switch locks for continuous running. Top and rear handles removable for close work. Heavy-duty, universal motor for 110–120-volt, 25 to 60-cycle AC or DC. With 10-foot, 3-wire rubber covered cord and unbreakable plug. Length about 18½ inches.

Catalog Number	Size	R.P.M.	Shpg. wt.	Price
99 A 02585K	½-inch	750	21 lbs.	$75.95
99 A 02586K	⅝-inch	525	22 lbs.	82.00
99 A 02587K	¾-inch	300	22 lbs.	86.00

Special-purpose Bit, Wood Drill Set, Masonry Drills

A CRAFTSMAN Tungsten Carbide-tipped Masonry Drills. Drill holes up to 3 in. deep in concrete, brick, slate, marble, wallboard, etc. . . much faster than using a star drill. Round shanks fit all ¼-in. or larger electric drills or hand and breast drills.

9 A 6747—4-pc. Set. One each of sizes below. *Save when you buy the set.* Shpg. wt. 6 oz. . . **$3.98**

9 A 6746—Individual Drills, as above. *Please state size wanted.*

Size	Length	Shpg. wt.	Each
¼-in.	4 in.	1 oz.	85c
5/16-in.	4 in.	1 oz.	89c
⅜-in.	4 in.	2 oz.	$1.10
½-in.	4 in.	3 oz.	1.39

B CRAFTSMAN High Speed Countersink Bit. For metal or wood. Use in any hand or power driven tool. Five flutes, 82° head. High speed steel. ¼-in. round shank.

9 A 6716—Shipping weight 4 oz. **$1.29**

C CRAFTSMAN 4-piece Wood Drill Set. Sizes ¼, 5/16, ⅜, ½-in. Length 5 3/16 in. Durable carbon steel ¼-in. shanks. In handy case.

9 A 6721—Shpg. wt. 8 oz. ..... 4-pc. Set **$1.98**

9 A 6717—Individual Drills. *State size.*
¼-inch. Shpg. wt. 2 oz. ..... Each **29c**
5/16-inch. Shpg. wt. 2 oz. ..... Each **39c**
⅜-inch. Shpg. wt. 2 oz. ..... Each **49c**
½-inch. Shpg. wt. 2 oz. ..... Each **85c**

D CRAFTSMAN 4-piece High-Speed Drill Set. For use with electric drills, drill presses, and other power driven tools. Hinged case serves as protective carrying kit or useful work-bench stand. Drills precision ground to assure clean, accurate, easy cutting action. Highest professional quality . . for use in either metal or wood. Sizes ¼, 5/16, ⅜ and ½-inch. ¼-inch round shanks. For drilling shallow holes. Lengths 2½ to 3¾ in.

9 A 6733—Shipping weight 8 oz. ..... Set **$4.10**

E CRAFTSMAN Carbide-tipped Masonry Drills. For drilling holes in concrete, brick, stone, marble, etc. Get work done in less time . . much faster than using a star drill. Spiral flutes. Use with power driven or hand operated tools.

9 A 6731—Set of 6. One each sizes ¼ to ⅜ inches listed under 9 A 6730 below. In fabric case. Shipping weight 2 pounds. **$11.50**

9 A 6730—Individual sizes. *Order by catalog number and please state size wanted.*

Size, In.	Shank In.	Length	Weight	Each
3/16	3/16	3-inch	2 oz.	$1.39
¼	3/16	4-inch	4 oz.	1.45
5/16	¼	4-inch	4 oz.	1.55
⅜	¼	4-inch	6 oz.	1.69
½	⅜	6-inch	8 oz.	2.10
⅝	½	6-inch	10 oz.	2.60
¾	½	6-inch	12 oz.	3.25

CRAFTSMAN Rotary Tool and Accessories

REG. U.S. PAT. OFF.

For all Rotary Tool Accessories listed below . . shipping weight each 2 oz.

A 9 A 2670 — Barrel cutter. Diameter 7/32 in. 59c

B 9 A 2836—Ball cutter. Diameter 11/64 inch 59c

C 9 A 2671—Ball cutter. Diameter 7/32 inch 59c

D 9 A 2672—Flame cutter. Diameter 7/32 inch 59c

E 9 A 2673—Egg cutter. Diameter 7/32 inch 59c

F 9 A 2674—Cylindrical cutter. 1/4-in. diam.; 1/16 in. long 65c

G 9 A 2837—Conical cutter. Diameter 1/4 in. x 11/64 in. 59c

H 9 A 2656—Saw cutter. Diameter 1/4 in. .045 in. thick. 69c

J 9 A 2689 — Saw blade without mandrel. Diameter 3/4 in. .023 in. thick 39c

K 9 A 2684 — High speed drill. Diameter 1/16 inch 35c

L 9 A 2685 — High speed drill. Diameter 3/32 inch 35c

M 9 A 2686 — High speed drill. Diameter 1/8 inch 35c

N 9 A 2679 — Disc type bristle brush. 3/4-in. diameter . . . 15c

P 9 A 2680 — Cup type bristle brush. 1/2-in. diameter . . . 15c

R 9 A 2681—Mounted porte polishing brush. 5/16-inch diameter 15c

S 9 A 2653—Mounted abrasive flat wheel. 1-inch; 1/4-inch thick. Shapes, smooths . . 35c

T 9 A 2654—Mounted abrasive cup wheel. 1/2-inch diameter; 1/8 inch long 35c

U 9 A 2675—Mounted abrasive knife wheel. 1/4-in. diam. . . 29c

V 9 A 2676—Mounted abrasive tapered wheel. 1/4-inch wheel 29c

W 9 A 2677—Mounted abrasive cylinder wheel. 5/16-inch diameter; 1/8 inch long 29c

X 9 A 2678—Mounted abrasive cylinder wheel. 1/4-inch diam.; 1/8 inch long 29c

Y 9 A 2831—Mounted abrasive conical wheel. 1/4-inch diam.; 1/4 inch long 29c

Z 9 A 2832—Mounted abrasive flame wheel. 1/4-inch diam.; 1/8 inch long 29c

AA 9 A 2951—Set of 3 buffing wheels. 1 1/4-in. diam. . . . 35c

BB 9 A 2977—Set of 3 felt buffers. 1-in. diam. x 1/8-in. . 35c

CC 9 A 2953—3 knife-edge rubber wheels. 1/2-in. diam. . 29c

DD 9 A 2952—Set of 3 rubber-bonded polishing wheels. 3/4-in. diameter x 1/8-in. . 29c

EE 9 A 2699—Set of 4 replacement sanding sleeves for sanding drum assembly (FF) listed below 25c

FF 9 A 2696—Mounted sanding drum with sanding sleeve. 3/4-in. diam.; 1/2-in. width 39c

GG 9 A 2691 — Set of 12 silicon carbide discs. 1-in. diam. 1/32 in. thick. Mounting hole size 1/16-in. diam. . . 29c

HH 9 A 2666—Mandrel. Nut and washer type 17c

JJ 9 A 2667—Mandrel. Screw-in-end type 17c

Laboratory test proves that the CRAFTSMAN Rotary Electric Tool has 50% more power than other rotary tools of this type and size. This is due to the "big tool construction," and the powerful 15,000 R.P.M. motor. It means that you can work with bigger loads without stalling.

Meets rigid demands of precision tool room work and **continuous production line demands** . . wonderful tool for hobbies . . handiest tool we've seen for garages, machine shops, factories, etc. Has hundreds of uses! Drills, grinds, polishes, sharpens, engraves, saws, sands, routs, cleans, carves, buffs, brushes, cuts, etc. Can be used on wood, metal, glass, plastic, leather, etc. Ideal for deburring castings, precision die work and machine shop general duty.

Approved by Underwriters' Laboratories, Inc. Exclusive 3-jaw chuck adjusts 1/64 to 1/4-inch. Takes 3/32 and 1/4-inch shank tools, wire gauge drills. Big tool construction. Shaft straddle mounted on two large bearings. Ball thrust bearing. Scientifically designed fan . . runs cool even after hours of use. Convenient off-on switch. Finger rests keep fingers in natural position . . help prevent cramping and sliding. Strong aluminum housing . . no plastic is used! Has a built-in radio and television interference filter. Powerful 15,000 R.P.M. motor for 110–120-volt, 25 to 60-cycle AC or DC. Removable, plug-in type cord. *We believe it is America's finest electric rotary tool.*

9 A 2949—**Rotary Electric Tool only,** with cord and plug. Shipping weight 2 pounds $22.50

CRAFTSMAN GRINDER

KK **Electric Hand grinder.** Has extra capacity . . handles 3/32, 1/8, and 1/4-inch shank tools. Has extra power . . 4 times the power of most hand grinders. 17,000 R.P.M. motor for 110–120-volt. 25 to 60 cycles A.C. or D.C.

Does heavy duty jobs continuously . . and without stalling. Sands, sharpens, grinds, saws, etc.; works in wood, metal, plastic, glass. Aluminum slip-sleeve covers chuck for safety.

Approved by Underwriters' Laboratories, Inc. In sturdy metal box with 25 accessories including grinders, polishers, files, burrs, wheels, replacement motor brushes, arbors, chuck wrenches, etc. 8-ft. cord. Shipping weight 6 pounds 14 ounces.

9 A 2516 . . . . . $31.00

CRAFTSMAN ROUTER

LL Actually many tools-in-one! Ideal for routing and inlay work; also perfect for mortising doors and for dovetailing with attachments. Can be used with flexible shaft. The motor can be mounted horizontally as a bench tool. Maintains constant speed under load. Takes 1/4-inch shank cutters in collet chuck. The motor raises or lowers 1 inch. Fence slides horizontally on 7 1/2-inch bars; guides on straight or irregular edges. Rugged, lightweight, aluminum housing.

Approved by Underwriters' Laboratories Inc., 1/10-HP 19,000-RPM ball-bearing universal motor for 110–120-volt, 25 to 60-cycle AC or DC; Formex insulated. Base 3 1/2 x 7 inches. Height 7 to 8 inches. With one 5/16-inch router bit; 8-ft. cord, plug.

9 A 2519—**Router with guide assembly.**
Shipping weight 9 pounds $29.50

9 A 2512—**Extra Router Bits.** Sizes 1/8, 3/16 and 1/4 inch. *State size.* Shipping weight 4 ounces . . . . . Each $1.00

CRAFTSMAN IMPACT TOOL

MM It is easy to understand why this type of tool has taken the country by storm! New CRAFTSMAN Electric Impact Tool actually saves 90% of the time and hard work in tightening and loosening hex nuts and bolts from 3/8 inch to 5/8 inch. Delivers 2000 powerful rotary impacts per minute, loosening stubborn, frozen or rusted-in nuts and studs. Perfect tool for garages and for maintenance work, farm repairs, job shop use, etc. In addition, it takes all standard 1/2-in. square drive impact tool attachments.

This tool is strong and rugged, yet is lightweight and easy to handle. Easily reversed. Has polished die-cast aluminum alloy housing and forged, heat-treated alloy steel hammer and anvil. 1/2-inch drive end. Grease sealed ball bearings. Powerful universal AC-DC motor (110–120-volt, 25–60-cycle) develops 10 to 100 foot-pounds driving torque! Far greater torque than many tools of this size. No-load speed, 1900 RPM. Built-in on-off switch. Has pistol grip handle. Length overall, 10 1/2 in. Complete with 25-ft. heavy duty Neoprene-covered 3-wire cord and plug.

9 A 1730—Shipping weight 8 pounds $120.00

9 A 4400—**CRAFTSMAN IMPACT SOCKETS.** For use with the above, or any 1/2-in. square drive impact tool. Hot-forged "Super-Tuff" steel; heat-treated, tempered. Rust-resisting plated finish, 6-point openings for hexagon nuts. Sizes: 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8 in. *State size.* Shipping weight 6 ounces . . . . . Each 75c

A 4-STAR Feature because..

★ It has extra features.....It has been compared in price and quality with other leading brands. We believe there is no finer value.

★ Exhaustive lab tests prove its design assures long life with ample overload capacity and superb temperature rise characteristics.

★ Continuous field tests on heavy duty work by thousands of customers have proved its top rating as a contractor-type saw.

★ Ten times faster than ordinary hand saw. yet lightweight aluminum alloy frame and perfect balance assure easy 1-hand operation.

Now with your choice of blade types!

With low-priced chisel-tooth combination blade (shown at left)—OR . . .

8-tooth carbide-tipped combination blade (shown below) . . . lasts 20 times longer!

10 times faster than hand sawing! Guaranteed 1 year*

CRAFTSMAN 6½-inch Electric Hand Saw . . Super-powered . . Contractor type!

Don't confuse this industrial-quality saw with ordinary sleeve-bearing home or hobby shop saws in this price range! It is a precision-built extra heavy duty, contractor-type saw . . . used by thousands of carpenters and contractors for heavy, day-after-day use. **We're convinced it's the finest electric hand saw of its capacity on the market, bar none!** Adapts to a radial saw or bench saw when used with saw guide below (not included). Cuts all types of materials with carbide-tipped blade (included with 99A01717K at right) and abrasive cut-off wheel (not included; listed at right).

Saw has sealed precision ball bearings throughout . . Direct drive gear-train permits compact design . . . perfect balance. Large base plate; front graduated to ⅛ in. Blade on right-hand side, away from operator, for greater safety. Depth of cut at 90°, 0 to 2 3/16 in.; at 45°, 1 13/16 in. Angular adjustment, 90° to 45°.

Built-in ripping guide. Aluminum alloy frame. Helical-cut bronze gears; telescoping saw guard. Sawdust blower; enclosed trigger switch. Auxiliary knob grip for two-hand use. *Approved by Underwriters' Laboratories, Inc.* (Industrial Standards for A.C. or D.C.). Heavy duty, ventilated, General Electric universal motor (for 110–120 volt, 25 to 60-cycle A.C. or D.C.); rated ¾-H.P.; **develops 1½-H.P. maximum.** No-load speed, 4300 R.P.M.

Weighs only 12½ pounds! Over-all length, 12 inches. Saw comes with 6½-inch low-priced **chisel tooth** or longer-lasting **carbide-tipped** combination blade (⅝-inch round arbor hole) for crosscutting and ripping; 10-ft. 3-wire rubber-covered cord with unbreakable plug; tube of gear lubricant; and wrenches.

99 A 02553—CRAFTSMAN 6½-inch Saw with **chisel-tooth** combination blade; without carrying case. Shpg. wt. 16 lbs. **$58.00**

99 A 02554K—CRAFTSMAN 6½-inch Saw with **chisel-tooth** combination blade and convenient steel carrying case. Base of case acts as bench rest; has tool, cord and blade compartment in bottom. Shipping weight 27 pounds. **$64.00**

99 A 01717K—CRAFTSMAN 6½-inch Saw with 8-tooth **carbide-tipped** combination blade and convenient steel carrying case. Shipping weight 27 pounds. **$69.50**

9 A 6472—**Cut-off Wheel.** For above saw. 6-inch diameter; ⅝-inch arbor hole. Cuts cement, tile, metal, etc. *See Safety Information on page 46.* Shipping weight 8 oz. **$1.39**

For additional or replacement saw blades, see pages 2 and 11.

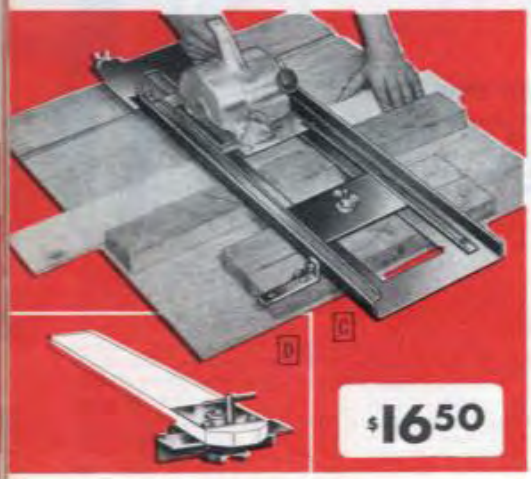
** Guaranteed one year. If this electric hand saw shows any defect in materials or workmanship, we will repair it at no charge to you if returned within one year from purchase date.*

A **Extra Lubricant.** For use in tool gear cases. 4-ounce tube. Shipping weight 6 ounces.

9 A 2593 ..... Each ... **79c**

B **Heavy-duty 25-ft. Extension Cord.** 10-gauge; 2-wire. With male plug and female receptacle attached. **UL approved.** *Use up to 100 feet (4 cords) only, from current source.* Shipping weight, each 4 lbs. 11 oz.

34 A 5884 .... Each . **$8.50**



Saw guides convert Electric Hand Saws

Saw Guide for above CRAFTSMAN 6½-inch Saw

C We believe it's superior to guides costing 3 times as much! Designed for use with CRAFTSMAN 6½-inch saw above. Set saw in guide channel . . . it's a radial saw! Clamp it to ripping plate . . . it's a stationary bench saw! **Greater accuracy, more production** for carpenters, contractors, small builders, etc. Even inexperienced operators do expert work after a few practice cuts. **Safer than hand operation!** Rip, crosscut, compound miter, even make dado cuts! (Saw adjusts for depth-of-cut and tilt.) Maximum width of crosscut at 90°, about 18½ in.; at 45°, 13½ in. Maximum ripping width, 29 in. Guide channel slides to set ripping width.

Mounts easily on wood bench, or on portable table top for use on bench, saw horses, or CRAFTSMAN bench 99A02134K (page 57). With saw in ripping position use miter gauge 9A2246 (page 9) for crosscuts, miters. Dados are made by repeat cuts with standard blade. Use Power-Panels 9A2120 (page 57) or 9A2576 (page 43) for remote control switch, added safety. **⅝-in. welded steel.** All parts zinc plated. With mounting hardware; instructions. (Wood parts and saw not included.)

99 A 01710L—Shipping weight 27 pounds. **$16.50**

D **Adjustable Rip Fence for above Saw Guide.** For use with Saw Guide 99A01710L above. Greatly facilitates all ripping operations! Instead of moving saw, adjustable fence can be quickly set at exact width of rip wanted. Eliminates need to move saw guide in or out. Clamps to table edge. Heavy steel clamp with large hand screw; zinc plated. Easily assembled. Instructions included. Wood parts not included.

9 A 1715—Shipping weight 3 lbs. 4 oz. **$3.35**

Slide saw forward in guide arm for cut-off (at 90°, or tilted 0 to 45°).

Saw guide pivots on clamp bolt for making miter and compound cuts.

Now with your choice of blade types!

CRAFTSMAN "INDUSTRIAL" This tool is designed and built for production work in industry—with specifications to meet the demands of factories and shops.

$99.00 CASH With chisel-tooth blade; without case

ONLY **$10.00** DOWN

You get more "saw" for much less money . . with a CRAFTSMAN

This is an actual laboratory comparison of CRAFTSMAN 8-in. electric hand saw (99A02560L) with 2 other famous saws of the same type. The comparisons below give you *positive proof* of CRAFTSMAN superiority in construction, features, performance *and amazingly lower price!* No wonder thousands of Sears customers have bought it in preference to any other saw! *We believe it's the finest electric hand saw on the market!*

	Sears Saw	Saw X	Saw Y
Price	$99.00	$144.00	$135.00
Efficiency	65%	46.3%	59%
Horsepower:			
Rated Load	1.36	.90	1.3
Maximum Load	2.16	1.40	2.0
Blade Speed (R.P.M.):			
No Load	5300	2600	3800
Full Load	3500	1600	2350
Watts:			
No Load	700	760	660
Full Load	1800	1500	1650
At Maximum H.P.	3300	2760	3280
Depth of Cut:			
Minimum at 90°	0 in.	¾ in.	1 1/16 in.
Maximum at 90°	2⅜ in.	2⅜ in.	2⅜ in.
Maximum at 45°	2 in.	2⅛ in.	2 9/16 in.
Type of Gear Drive	Direct	Right angle	Direct
Graduated Base Plate	Yes	No	No
Built-in Ripping Gauge	Yes	No	No
Zerk Grease Fitting	Yes	No	No
Uses blades with standard round arbor hole	Yes	No	No
Combination Bench Stand and Carrying Case	Yes	No	No
Single guiding point for all angles of tilt	Yes	No	No

Most powerful 8-inch Saw we've seen!

CRAFTSMAN 8-inch Electric Hand Saw . . Develops 2.16 H.P.

Our best! **Saw is guaranteed one year**—see opposite page.* We know of NO other complete, contractor-type, 8-inch electric hand saw of this quality for less than $125.00. Its heavy-duty General Electric 1-H.P.-rated motor will develop 2.16-H.P.—the most powerful motor of any saw its size!

Better balanced, easier to use . . . handle stays in same position for any depth of cut. Efficient direct drive. More accurate . . . blade in line with guiding edge at any angle of tilt; one-piece ripping guide. Blade on right side, away from operator, for extra safety! Full depth of cut (0 to 2⅜ in.). Base plate has ⅛-in. graduations, permits use of various guide lines. Strong, die-cast aluminum alloy frame.

SKF precision ball bearings; double sealed. Precision helical-cut gears, lubricated by one Zerk fitting. Telescoping saw guard; sawdust blower. Enclosed trigger switch. Left-side knob for two-hand operation. *UL approved.* (Industrial standards). Weighs only 19 pounds. With 8-inch low-priced **chisel-tooth** combination blade or longer-lasting 8-inch 8-tooth **carbide-tipped** combination blade (⅝-inch round arbor hole); 10-ft. 3-wire rubber-covered cord and unbreakable plug; lubricant and wrenches. Steel case has compartment for extra blades, wrenches, etc.

SPECIFICATIONS: Depth of cut, 0 to 2⅜ inches at 90°; 2 inches at 45°. Tilt adjustment, 90° to 45°. Free blade speed, 5300 R.P.M. Switch, enclosed non-locking trigger type. Motor: General Electric universal; improved ventilation; armature wound with glass-insulated wire; Formex-insulated field coils; for 110–120 volt, 25 to 60-cycle A.C. or D.C. Overall dimensions: height 11 inches; length 15½ inches; width 10 inches.

99 A 02557K—Saw with **chisel-tooth** combination blade; without case. Shpg. wt. 23 lbs. **$99.00**

99 A 02560L—Saw with **chisel-tooth** combination blade and steel carrying case. Shpg. wt. 35 lbs. **$105.00**

99 A 01718K—Saw with 8-tooth **carbide-tipped** combination blade and convenient steel carrying case. Shipping weight 38 pounds **$111.00**

For additional or replacement combination and other saw blades, see pages 2 and 11.

into Radial or stationary Bench Saws!

For ripping, clamp saw at end of guide arm, and feed work through.

Do all general-purpose cutting, as in stationary bench saw.

Saw Guide for above CRAFTSMAN 8-inch Saw

[A] Here it is—a saw guide especially designed for your CRAFTSMAN 8-inch electric hand saw (above). Patterned after our 6½-inch electric hand saw guide (on facing page) . . . proven in the field and after many laboratory tests and comparisons to be far superior to guides costing much more. Now, the same high quality features and construction are used for this 8-inch saw guide.

Carpenters, contractors, small builders, and even inexperienced operators can increase the usefulness of their electric hand saws. Rip, crosscut, compound miter—even make dado cuts with more accuracy. (Saw adjusts for depth-of-cut and tilt.) Maximum width of crosscut at 90°, about 14 inches; at 45°, about 13 inches to left and about 8 inches to right. Maximum ripping width, about 26 inches. Guide channel slides to set ripping width.

⅛-inch welded steel. Mounting hardware included. All parts zinc plated. Complete mounting and operating instructions included. Saw and wood table top not included.

99 A 01712L—Shipping weight 28 pounds **$17.95**

[B] **Adjustable Rip Fence for above Saw Guide.** For use with Saw Guide 99 A 01712L (above). Provides a rapid, convenient setting for ripping. Instead of moving saw, adjustable fence can be quickly set at exact width of rip wanted. Eliminates need to move saw guide in or out. Clamps to table edge. Heavy steel clamp with large hand screw; zinc plated. Easily assembled. Instructions included. Wood parts not included.

9 A 1715—Shipping weight 3 lbs. 4 oz. **$3.35**

CRAFTSMAN Heavy-Duty Reciprocating Sander-Polisher

Heavy-duty sanding and paint or varnish removing

Continuous heavy sanding, buffing, polishing

Cabinet making, production furniture shops

Here is an ideal heavy-duty production-type sander-polisher that has hundreds of uses in the cabinet shop, furniture factory, garage, machine shop, etc. Ideal for carpenters, contractors, wood pattern makers, and the serious hobbyist who needs an all around general duty sander-polisher. It is the finest tool of its type we have ever sold.

TWENTY FIVE square inches of sanding area. Uses one-third sheet of standard 9x11-inch sanding paper with NO waste. Overlapping felt pad protects surface being sanded from damage. Paper is held on felt pad by two heavy-duty spring tension clamps. No tool required to operate clamps. Sands at 14,400 strokes per minute.

SPECIFICATIONS:

Sanding pad size	3½x7 inches
Sandpaper area	25 square inches
Sanding speed	158 surface feet per minute
Motor	Reciprocating motor 115 volts, 60 cycle AC
Switch	Slide
Weight	7½ pounds
Length of cord	8½ feet long
Dimensions: Height	6½ inches
Width	3 9/16 inches
Length	8 11/16 inches

Heavy-duty aluminum alloy housing and handle . . non glare satin finish. Rubber cushioned handle absorbs vibration of the motor to reduce operator fatigue when used for long periods. Slide switch holds "ON" position for uninterrupted sanding . . switch sealed against dust damage. Entire sander **approved by Underwriters' Laboratories.** Reciprocating motor for 115 volts, 60 cycle AC. Three conductor industrial safety cord 8½ ft. long. With velour and lamb's wool polishing pads; 3 sheets each of No. 320, 180, 80, and 50 grit aluminum oxide sandpaper, for wood or metal.

99 A 0780—**Sander-polisher and accessories** (listed above). Shipping weight 8 lbs. **$30.95**

99 A 0781—**Sander-polisher and accessories plus steel case** for storage of sander and accessories. Shipping weight 10 lbs. *Buy on Easy Terms.* Only *$3.50 Down* **$34.95**

CRAFTSMAN Belt Sander

Direct Spiral Gear Drive . . 3-drum design

Direct spiral gear reduction design makes unit compact and eliminates need for belts . . and delivers even power.

Exclusive 3-drum design makes belt adjustments easier . . affords better balance with center motor mount.

Exclusive 3-drum design. long belt with longer belt life, the right belt speed, quality construction throughout . . that's why we're convinced this is the best belt sander buy on the market.

Guaranteed 1 year! If sander shows any defects in material or workmanship, we will repair it without charge if returned within 1 year of purchase.

More sanding surface . . greater belt speeds than used on comparable 2-drum sanders. 26¾x3-in. sanding belt . . with a belt speed of 1200 feet per minute! **UL approved.** Die-cast aluminum alloy housing. Quick change belt release on outside of housing. Drums have dust-protected, self-lubricating bronze bearings. Built-in fan cools the motor. Safety trigger switch. Convenient controls for quickly changing belts and for belt centering adjustments. G.E. universal ball-bearing motor (110–120 volt, 25–60 cycle AC-DC) develops ¾-H.P. maximum. Formex insulated. 10-ft. 3-wire cord, plug; with 3 silicon carbide belts, lubricant.

SPECIFICATIONS:

- Belt size ..... width, 3 inches; length, 26¾ inches
- Bearings ..... Motor, precision ball; drums, self-lubricating bronze
- Free speed of belt ..... 1200 feet per minute
- Gears ..... Spiral cut steel
- Dimensions ..... Height 8 inches; length 11¾ inches; width 5 inches

99 A 02556—**Sander without case.** Shpg. wt. 16 lbs. **$59.50**

99 A 02230K—**Sander with steel case.** Shpg. wt. 22 lbs. **64.50**

9 A 2231—**Replacement Belts for Portable Sander.** Aluminum oxide abrasive on strong cloth. Grit 00 (extra fine); 0 (fine); 1 (med.); 2 (coarse); 4 (extra coarse). 3x26¾ in. Wt. 4 oz. *State grit.* Each **35c**

9 A 2593—**CRAFTSMAN Lubricant.** 4-oz. tube of special lubricant, designed for use in gear cases of all types portable power tools. Shpg. wt. 6 oz. **79c**

CRAFTSMAN Sander-Polisher

With Improved Reciprocating Electric Motor . . Motion provides smooth finished sanding. No motor to buy. You just plug it in.

Polish and buffs car finishes

Lightweight for vertical sanding

Excellent for body massaging

Polish furniture cuts housework

Takes the hard work OUT of putting the finishing touches ON! For finishing sanding, polishing waxed and finished surfaces, light body massage, scalp massage, etc..NOT for removing paint, varnish, deep scratches, heavy duty sanding. (See 99 A 0780 above for heavy duty sanding and finishing.) Lightweight, easy to use on vertical surfaces. No rubbing . . no pressing! You simply guide it. Improved electric reciprocating motor motion sands with and across grain. Puts high gloss finishes on hard or soft woods, plastics, etc. Push button on-and-off switch.

Approved by Underwriters' Lab., Inc. Uses open-coated, lightweight backing type sandpaper; no coarser than No. 80. Reactance-type motor never needs oiling. 6½ in. long, 3 in. wide, 4½ in. high. Stroke adjustable by large headed screw on side. 14,400 strokes per minute. With 10 sanding sheets, velour polishing pad, lamb's wool polishing pad, 8-ft. cord and instructions. For 110–120 volt, 60-cycle AC only.

9 A 2714—**With steel carrying case.** Shipping weight 6 lbs. **$18.50**

9 A 2713—**Without carrying case.** Shipping weight 5 lbs. **16.95**

9 A 2782—**Extra Lamb's wool polishing pad.** Shipping weight 2 oz. **60c**

9 A 2783—**Extra Velour polishing pad.** Shipping weight 2 oz. **30c**

9 A 2746—**Sanding sheets.** Fine, medium, coarse. *State grit.* Shipping weight 10 ounces. 2 packages (36 sheets) **45c**

DUNLAP high quality Split-Phase Motors

REG. U. S. PAT. OFF.

Low priced . . efficiency *plus* economy for easy-starting loads

Economical ¼ and ⅓-H.P. Models

A B Super values! Not lightweight, but full size, full power. Rugged, well-made motors, designed for general use on easy-starting loads such as light power tools, small paint sprayers, etc. Excellent performance and trouble-free operation. All parts guaranteed against defects in material or workmanship for one year. Exceed N.E.M.A. breakdown torques. Husky, diamond-bored precision bronze bearings for smooth operation and long life. Large oil chambers with spring oil cage lubricated for about 1000 hours operation. Motor should be used in horizontal position only. Easily reversed. Cast iron base gives motor solid mounting. ⅝-in. shaft extends 1⅝-in. on one end. 1750 R.P.M. For 110–120-volt, 60-cycle A.C. With 8-ft. cord; unbreakable plug. Mounting dimensions 3¾x5 inches.

A 99 A 01974K—¼-H.P. Shipping weight 23 pounds **$14.50**

B 99 A 01966K—⅓-H.P. Shipping weight 24 pounds **15.95**

IMPORTANT: Buy the Right Motor! A larger motor of more powerful type will last years longer than one slightly too small.

Split Pease Motors—For easy-starting loads or where maximum load is applied at full motor speed; washing machines, ventilating fans, light power tools, etc.

Capacitor Motors—For medium-starting loads; heavier power tools, paint sprayers, refrigerators, stokers, shallow-well pumps (about 22-ft. or less), etc.

Mill-Type Capacitor Motors—For medium to hard-starting loads; production equipment, compressors, heavy power tools, etc.

Repulsion-Induction and 3-Phase Motors—For hard-starting jobs; deep-well pumps, large compressors, heavy industrial tools and farm equipment, freezers, etc.

⅓-H.P. Deluxe Model

C Our finest split phase motor! Heavy duty! Super powered! Ideal for operating light power tools and compressors, ventilating fans, washing machines, etc. Note all these great features: double shaft, ball bearings, on-off switch, cord and unbreakable plug. Exceeds N.E.M.A. specifications. Handles more than TWO times rated H.P. before stalling! Efficient, modern design. Deep end bells, large fan and baffled openings ventilate motor; assure cool operation. Massive cast iron base for solid mounting; handy on-off switch. Easily reversed. All parts guaranteed against defects in materials or workmanship for one year. New Departure grease-sealed precision ball bearings . . sealed against dirt, dust and grit . . motor operates in any position. ⅝-in. shaft extends 1⅝-in. **on both ends.** 1750 R.P.M. For 110–120-volt 60-cycle A.C. Heavy 8-ft. cord; unbreakable plug. Mounting dimensions 3¾x5 inches.

99 A 01975K—Shipping weight 27 pounds **$21.00**

CRAFTSMAN ⅓-H.P. Appliance Motor

REG. U. S. PAT. OFF.

$23.50 CASH
$2.50 DOWN

Designed for replacement purposes . . . for stokers, oil burners, washing machines, ventilating fans, pumps, etc. Exceeds N.E.M.A. specifications for breakdown torque. Handles more than TWO times rated H.P. before stalling! Precision bronze sleeve bearings with spring oil caps. Condenser reduces starting current; motor starts loads about 50% heavier than split phase motors of same rating. Use in horizontal position only; easily reversed. Guaranteed against defects in materials or workmanship for one year. Nylon insulated windings. Single-end ¾-in. shaft extends 1⅝-in.; keyway and bevel. Stamped steel base. 1750 R.P.M., for 115–230-volt, 60-cycle A.C. Mounting dimensions 3 x 5 in. Gray finish. Shipping weight 28 lbs.

99 A 01976K **$23.50**

When you buy CRAFTSMAN you buy the finest quality

Motor Rails . . Motor Mounts . . Switches . . Extension Cord

D **Adjustable Motor Rails.** For jobs where motor is not moved from tool to tool. Easy to adjust belts; loosen bolts holding motor to rail, slide motor for belt tension desired, tighten bolts. For any fractional H.P. motor . . 2⅝-in. maximum belt take up.
9 A 2279—Shipping weight 3 pounds ..... Per pair **$1.55**

E **Deluxe Floating Motor Rail.** Has all the advantages of the regular type PLUS support for rear end of motor, rubber cushioning and right-angle clips. Clips allow motor to be mounted behind or under tool. Adjustable rear rail pivot support carries rear end of motor. For any fractional H.P. motor with 3⅛-in. to 4⅝-in. base mounting holes. Use with standard clips.
9 A 2326—**Complete set.** Shipping weight 2 pounds **$2.45**
9 A 2328—**Rail clips only.** For use with idler drives on drill press at odd angles, etc. Shpg. wt. 10 oz. ..... Per pair **95c**

F **Floating Motor Rails.** Fasten clips near each tool, shift motor with rail attached, from tool to tool. Maintains belt tension. For any fractional H.P. motor with 2⅝-in. to 5-in. base mounting holes.
9 A 2275—**Rail and one pair clips.** Shpg. wt. 1 lb. 13 oz. . **$1.10**
9 A 2277—**Pair of rail clips only.** Shpg. wt. 7 oz. **35c**

G **Multi-purpose Mounts.** Ideal for mounting motors on washing machines, stokers, ventilating fans, and for similar installations. Stamped steel cradle-type base and rubber mounting. Easy to set up; simply remove regular motor base and fasten mount to end bells of motor. Shpg. wt. 2 lbs.
9 A 1968—Fits motor 99 A 01974K—(listed above). Each **$1.49**
9 A 1969—Fits motor 99 A 01966K—(listed above). Each . **1.49**

H **"On-off" Motor Switch.** Same as on CRAFTSMAN Capacitor Motors 99 A 01977K, 99 A 01978K, 99 A 01980K and 99 A 01981K (on page 44) and 99 A 01950L and 99 A 01951L Grinders (page 46). For ¾-H.P. 3450 R.P.M. or smaller.
9 A 1921—**UL Approved.** Shipping weight 3 ounces **95c**

"On-off" Motor Switch. (Not shown.) For motors up to and including ½-H.P. 1750 R.P.M. and ⅓-H.P. 3450 R.P.M. Plastic toggle handle and switch box. **UL Approved.**
9 A 1920—Shipping weight 3 ounces **59c**

J **CRAFTSMAN NEW! Multiple Outlet Power Panel.** Use wherever additional outlets are needed. Two toggle switches. 3 receptacles. Ruby light shows when "on." 6-ft. extension cord. Plugs in wall socket. 110–120 volt 60-cycle AC. In steel box.
9 A 2576—**UL Approved.** Shpg. wt. 2 lbs **$5.95**

K **Electric Extension Cord. Extra heavy duty, safe for motors and all portable electric tools.** No. 10 gauge, 2-conductor wire, rubber covered. Type "S." Heavy duty unbreakable rubber plug and connector. **UL Approved. Choose RIGHT SIZE cord** to assure full voltage at motor, lessen burnout danger.
34 A 5884—**25 feet long.** Shpg. wt. 4 lbs. 11 oz. **$8.50**

Like above, but No. 18 gauge for light tools only. Fine for ¼-horsepower motors, or less. Type "SJ."
34 A 5826—**25 feet long.** Shpg. wt. 1 lb. 5 oz. **$1.89**
34 A 5827—**50 feet long.** Shpg. wt. 2 lbs. 8 oz. **2.98**

L **Handy Metal Reel.** Reel off as much cord as you need.
34 A 5883—Green enameled finish. Shpg. wt. 2 lbs. **95c**

CRAFTSMAN Motors Are

SEARS 4-STAR FEATURE

C ½-H.P. 1750 R.P.M. $29.00 CASH $3.00 DOWN

B ½-H.P. 3450 R.P.M. $32.00 CASH $3.50 DOWN

A ¾-H.P. $39.00 CASH $4.00 DOWN

D ½-H.P. $27.00 CASH $3.00 DOWN

CRAFTSMAN "INDUSTRIAL"

These motors are designed and built for production work in industry—with specifications to meet the demands of factories and shops.

CRAFTSMAN Capacitor Motors

REG. U. S. PAT. OFF.

For Medium Starting Loads . . In Shops, Factories

Use for driving heavier power tools or equipment, etc. Note ALL of the premium features shown at right. Built-in condenser reduces starting current; motor starts loads about 50% heavier than split-phase motors of the same rating. Superior nylon insulation resists heat and abrasion better. Fan and baffles keep motor cool. New Departure grease-sealed precision ball bearings. Operates in any position. Easily reversed. Built-in "KLIXON" overload protector prevents motor burnout. 110–120-volt, 60-cycle A.C. With ½-in. shafts, except 99A01981K which has ⅝-in. keyway shaft. 8-ft. cord, and plug. Mounting dimensions 3¾x5 in.

	Catalog No.	H.P.	R.P.M.	Shipping wt.	Price
A	99 A 01981K	¾	3450	38 pounds	$39.00
B	99 A 01980K	½	3450	30 pounds	32.00
C	99 A 01978K	½	1750	33 pounds	29.00
D	99 A 01977K	½	1750	30 pounds	27.00

CRAFTSMAN Motors Have All These Features

Guaranteed against defects in materials and workmanship for 1 year.*

KLIXON overload protector guards against motor burnout.

NYLON insulation . . resists heat and abrasion. Wears longer.

Grease-sealed precision ball bearings never need lubrication.

E 1-H.P. 3450 R.P.M. $48.95 CASH $5.00 DOWN

CRAFTSMAN

REG. U. S. PAT. OFF.

Mill Type Motors

Extra Heavy Duty! Use for Production Equipment

Finest capacitor motors we've ever sold! Extra heavy duty for factories, farms, etc. **Guaranteed 1 year against defects in materials and workmanship*.** Heavier windings; greater overload capacity. Nylon insulated to resist heat and abrasion. Condenser reduces starting current. New Departure grease-sealed ball bearings; use motor in any position. "KLIXON" overload protector, prevents motor burnout. Single-end ¾x2¼-in. keyway shaft. Mounting dimensions 5x5⅛. Reversible. For 115–230-volt, 60-cycle AC.

E 99 A 01906L—**1-H.P. 3450 R.P.M. Capacitor Motor.** With ALL the features listed at left, PLUS double shaft, ⅝x2¼-in. each end . . on-off toggle switch . . 8-ft. heavy duty rubber cord, unbreakable plug. (Extra features this motor only.) Shipping weight 50 pounds **$48.95**

CRAFTSMAN Capacitor Motors (described at left)

	Catalog No.	H.P.	R.P.M.	Shpg. Wt.	Price
F	99 A 01985L	½	1750	51 lbs.	$45.50
G	99 A 01986L	¾	1750	57 lbs.	51.50
H	99 A 01987L	1	1750	61 lbs.	53.50
J	99 A 01988L	1½	3450	65 lbs.	64.50

We will repair any Sears motor found defective in materials or workmanship if returned within 1 year of date of purchase.

F ½-H.P. $45.50 CASH $5.00 DOWN

G ¾-H.P. $51.50 CASH $5.50 DOWN

H 1-H.P. 1750 R.P.M. $53.50 CASH $5.50 DOWN

J 1½-H.P. $64.50 CASH $6.50 DOWN

Guaranteed 1 Full Year!*

A 5-H.P. $237.00 Cash $24.00 DOWN

B 3-H.P. $160.00 Cash $16.00 DOWN

C 2-H.P. $126.00 Cash $13.00 DOWN

CRAFTSMAN R-I Type Motors

REG. U.S. PAT. OFF.

For heavy-duty jobs and hard-starting loads . . . Ideal for farm work—even in low voltage areas

Shielded precision ball bearings.

Specially designed for hard-starting loads and heavy farm work such as deep well pumps, large compressors, feed grinders, freezers, milking machines, etc. Develop THREE to FIVE times rated H.P. while starting. Low amperage draw when starting. Great overload capacity. Ideal for farm and R.E.A. lines, low voltage lines and extreme weather conditions. Efficient in freezing weather when loads are extra heavy.

All have grease-sealed precision ball bearings . . . never need oil . . . run in any position. Designed not to exceed 40° temperature rise under normal operation. Easily reversed. Shafts have keyways. Brush lifting mechanism in ½ and ⅓-H.P. sizes.

***Guaranteed one year** (see guarantee on opposite page). We believe there are no better motors of this type made. **Meet all A.I.E.E., N.E.M.A. and central station requirements.** Complete instructions for installation and maintenance included.

The CRAFTSMAN range of sizes (from ⅓ to 5 H.P.) supplies almost every farm need. For best results use the motor size recommended by the manufacturer of the unit to be driven, or a larger size. (Recommended size is usually found on name plate of unit to be driven.) Single-phase, for 115–230-volt 60-cycle A.C. **Check with power company on voltage, cycle, phase and capacity of your line.**

Catalog Number	H.P.	R.P.M.	Size Shaft inches	Base Mounting inches	Shpg. Wt. lbs.	Price
(A) 99AM1944	5	1725	1⅛	8¼ x 10	195	$237.00
(B) 99AM1943	3	1725	1	7½ x 9	160	160.00
(C) 99AM1942	2	3450	¾	6½ x 8	84	126.00
(D) 99AM1941	2	1725	1	6¾ x 9	144	133.00
(E) 99AM1940	1½	1725	¾	6½ x 8	88	99.50
99A01933L	1½	3450	¾	5 x 5⅝	50	81.00
(F) 99A01939L	1	3450	¾	5 x 5⅞	43	54.50
(G) 99AM1938	1	1725	¾	5½ x 8	79	78.50
(H) 99A01937L	¾	1725	¾	5 x 5⅞	60	57.50
(J) 99A01936L	½	1725	¾	5 x 5⅞	41	44.50
(K) 99A01935K	½	1725	⅝	3 x 4⅞	34	33.50

CRAFTSMAN "INDUSTRIAL" These motors are designed and built for production work in industry—with specifications to meet the demands of factories and shops.

D 2-H.P. $133.00 Cash $13.50 DOWN

E 1½-H.P. $99.50 Cash $10.00 DOWN

K ½-H.P. $33.50 Cash $3.50 DOWN

J ½-H.P. $44.50 Cash $4.50 DOWN

H ¾-H.P. $57.50 Cash $6.00 DOWN

G 1-H.P. $78.50 Cash $8.00 DOWN

F 1-H.P. $54.50 Cash $5.50 DOWN

½-H.P. $42.95 Cash $4.50 DOWN

CRAFTSMAN 3-Phase Motors

REG. U.S. PAT. OFF.

For heavy-duty jobs in shops and factories

Shielded precision ball bearings.

Designed for hard-starting loads . . . in shops and factories. Develop 3 to 5 times rated H.P. while starting. We believe there are no better motors of this type made. Can be used only on 3-phase current, usually not available to homes and farms. Check with power company before ordering. **Meet all A.I.E.E., N.E.M.A. and central station requirements.** Easily reversed. Keyway shafts. Designed not to exceed 40° temperature rise under normal use. For 220–440-volt, 60-cycle A.C.

Catalog Number	H.P.	R.P.M.	Sizes Shaft inche	Base Mounting inches	Shpg. Wt. lbs.	Cash Price
99 A 01910L	½	1725	¾	5 x 5⅞	41	$42.95
99 A 01911L	¾	1725	¾	5 x 5⅞	61	54.00
99 A M1912	1	1725	¾	5½ x 8	71	65.00
99 A M1913	1½	1725	¾	6½ x 8	78	78.00
99 A M1917	1½	3450	¾	5½ x 8	71	70.00
99 A M1914	2	1725	1	6¾ x 9	106	90.00
99 A M1915	3	1725	1	7½ x 9	115	100.00
99 A M1916	5	1725	1⅛	8¾ x 10	148	120.00

CRAFTSMAN 1/4-H.P. Grinder

One of the most practical, complete ¼-H.P. grinders we've seen at this price. **Guaranteed one full year!** We will repair any electric grinder found defective in materials or workmanship if returned within 1 year of date of purchase.

Wheels project ½-inch beyond front of motor housing. Allows grinding across wheels and longer wheel life; 11¾ inches clearance between wheels; removable wheel guards; adjustable, shatterproof eye shields in steel frames. 2x1 13/16 inch adjustable tool rests. 2⅜-inch steel wheel flanges.

Underwriters' Laboratories approved. ¼-H.P. CRAFTSMAN split phase motor . . fully enclosed. Has Nylon insulated windings . . for greater resistance to heat and abrasion. 3450 R.P.M. no load speed. On-off toggle switch conveniently located at front of grinder. Motor operates on 110–120 volts, 60-cycle AC, and is equipped with 8-foot rubber covered cord and unbreakable plug.

Rugged cast iron construction. ¾-inch steel motor shaft, turned down to ½-inch at wheel ends. Grinder finished in rust resisting gray enamel. Rubber mounted for quiet operation. Height 8⅝-inches . . width 14¾-inches. Complete with two 6x¾-in. vitrified CRAFTSMAN grinding wheels (fine and coarse). See below for complete listings of top quality CRAFTSMAN grinding wheels.

99 A 01950L—Shipping weight 44 pounds.....$32.50

CRAFTSMAN Grinders do ALL these jobs

Grinds . . puts keen edge on cutlery, tools, etc.

Buffs, polishes . . with cloth buff or rubber wheel

Cleans, removes rust, paint with wire scratch wheel

Wheels extend beyond housing . . grind across face

CRAFTSMAN 1/3-H.P. Grinder

Heavy-duty production-type. Designed and built to withstand rugged use. Ideal for factories, machine shops, garages, mills, any place where a top quality, tough grinder is needed.

Guaranteed for one year! We will repair any electric grinder found defective in materials or workmanship if returned within 1 year of date of purchase.

Industrial design and outstanding features give you a wider working range. 13½-inches clearance between wheels . . this means greater area for tools to be ground. Wheels project 1-inch beyond front of housing . . allowing operator to grind across the face of wheel . . giving longer wheel USE. Wheels enclosed by guards at sides . . wheel guards removable . . dust chute in rear of each.

Underwriters' Laboratories approved (Industrial Standards) ⅓-H.P. CRAFTSMAN ball-bearing capacitor motor . . fully enclosed . . Nylon insulated windings. 3450 R.P.M. no load speed. On-off toggle switch located at front of grinder. Motor operates on 110–120 volt, 60-cycle AC. With 8-ft. cord and unbreakable plug.

Adjustable 5¾x4⅜-in. eye shields with 4⅜x3 9/16-in. glass area. 3x2¼-in. adjustable tool rest. Rugged cast iron frame. ¾-in. steel motor shaft, turned down to ½-in. at wheel ends. Frame finished in gray enamel. Rubber mounted for quiet operation. 2⅜-in. wheel flanges. Height 10-in. width 17½-in. Base 9-in.-wide . . 7⅜-in. deep. With two 7x¾ in. CRAFTSMAN aluminum oxide grinding wheels (fine and coarse).

99 A 01951L—Shipping weight 60 pounds.....$48.95

NEW! Grinder Pedestal

CRAFTSMAN! A rugged, sturdy pedestal support for grinders 99A01950L, 99AO1951L listed above, and grinder 99AM1952 listed on opposite page. This pedestal fills a need for a grinder support in machine shops, garages, factories, etc.

Specially designed height about 34-inches puts grinder at most comfortable work height. Cast iron bracket and base gives firm, solid support to grinder. Column made from high quality steel.

SPECIFICATIONS:

Base.....Cast iron. 12 inches wide 12¾ inches long, 4⅝ inches high. With four cast holes ⅝-inch diameter for bolting to floor.

Bracket.....Cast iron. 7 13/16 inches wide, 8⅜ inches long, 3 inches high. Has cast holes 4⅝x5⅝ inches for mounting grinder.

Column.....Steel. 2¾ inches diam.

99 A 02964L—Shipping weight 42 pounds.....$16.50

CRAFTSMAN and DUNLAP are registered trade marks of Sears, Roebuck and Co. These names on our products are your assurance of quality. Look for them when you buy.

CRAFTSMAN Grinding Wheels

Finest quality . . perfectly balanced. Sides and face dressed square. Aluminum oxide abrasive . . cuts cool, fast and free. Longest wearing. Tough, sharp, solid, uniform crystalline structure. Bonded and vitrified (crystallized) in an electrically controlled furnace for over 150 hours. Wheels up to and including 8-inch diameter have 1-inch arbor holes. Bushed arbor. (*) Bushings furnished for shafts ¼, 5/16, ⅜, ½, ⅝, and ¾-inch diameter. Please state shaft diameter wanted. **See Safety Information before ordering.**

HOW TO ORDER: Please be sure to give: (1) catalog number; (2) diameter of wheel; (3) thickness of wheel; (4) shaft diameter.

FINE . . for knives, keen edged tools, finish grinding, polishing.
MEDIUM FINE . . for woodcutting tools, preparation for finishing.
MEDIUM COARSE . . for machine shop use, or fast removal of stock.
Safety Information. (1) Don't grind on side of wheel. (2) Use only on machines equipped with proper size flanges. (3) Use guard and shatterproof glass shield covering ¾ of wheel. (4) Don't exceed R.P.M. shown. (5) Wear safety goggles. (6) Stand aside for 1 minute after starting wheel. (7) Follow safety instructions shown.

Diam. Wheel	Diam. Flange	R.P.M.
3 in.	1⅜ in.	8276
4 in.	1⅜ in.	6207
5 in.	1⅜ in.	4966
6 in.	2 in.	4138
7 in.	2½ in.	3600
8 in.	3 in.	3103

Select the correct grit for your job:

Diameter and thickness	Bore* inches	Shpg. wt., lbs.	9 A 6412 Fine	9 A 6411 Medium Fine	9 A 6415 Medium Coarse
3x½ inches	1	1	45c	45c	.....
3x¾ inches	1	1	53c	53c	.....
4x½ inches	1	1	69c	69c	.....
4x¾ inches	1	2	89c	89c	.....
4x1 inches	1	2	98c	98c	.....
5x½ inches	1	2	$1.10	$1.10	.....
5x¾ inches	1	3	1.25	1.25	.....
5x1 inches	1	3	1.45	1.45	.....
6x½ inches	1	3	1.23	1.23	$1.23
6x¾ inches	1	3	1.45	1.45	1.45
6x1 inches	1	4	1.63	1.63	1.63
7x½ inches	1	3	.....	1.49	.....
7x¾ inches	1	4	1.75	1.75	1.75
7x1 inches	1	5	1.95	1.95	1.95
7x1¼ inches	1	6	.....	.....	2.25
8x¾ inches	1	5	2.00	2.00	2.00
8x1 inches	1	6	2.45	2.45	2.45
8x1¼ inches	1	7	.....	2.75	2.75
8x1½ inches	1	9	3.25	3.25	3.25

CRAFTSMAN ½-H.P. Heavy Duty

NEW! The most outstanding . . completely different ½-H.P. heavy-duty Grinder we've ever sold! Has features found on no other grinder in this price range. **Guaranteed 1 year!** We will repair any electric grinder found defective in materials or workmanship if returned within 1 year of date of purchase.

NEW, multiple **position tool rests** . . mounted on steel bar at front of housing . . they can be raised or lowered . . moved into any position you need for the job. (Wrench included.) Wheels project 1-inch beyond front of housing . . allowing operator to grind across face of wheel. Wheels enclosed by guards at sides . guards are removable.

Aluminum water pan located in base . . won't rust. Goose neck lamp (for 60 watt bulb) mounted on base . . adjusts in any position. Adjustable 5¾x4⅝-in. eye shields give protection against flying sparks and particles from grinding wheels . . 4⅛x3⅝-in. glass area. Strong ¾-inch steel shaft, turned down to ⅝ inch at wheel ends. Heavy cast iron frame finished in rust resisting gray enamel. Rubber mounted for quiet operation.

Underwriters' Laboratories approved (Industrial Standards) ½-H.P. CRAFTSMAN ball bearing capacitor motor . . fully enclosed. Nylon insulated . . has greater resistance to heat. 3450 R.P.M. no load speed. On-off toggle switch located at front of grinder. Motor operates on 110–120, 60-cycle AC. With 8-foot cord, plug. Height 12 inches . . width 19¾ inches. Base 9½-in. wide . . 11-in. deep. 2⅝-in. wheel flanges. With two 7x1-in. aluminum oxide grinding wheels. (Medium and Coarse.)

99 A M1952—Shipping weight 72 pounds. **$69.50**

CRAFTSMAN heavy duty Grinder

[A] Porous bronze bearings; oil well around each. Drive from rear or below. 15½x⅞-in. spindle; ¾-in. at ends; takes up to 8x1¼-in. wheels with ⅝-in. arbor holes. 2 pulleys for flat or V-belts. Idling pulley locks for double V-drive. Adjustable tool rests. Gray enameled.

99 A 06629K—**Grinder head only.** Without motor, motor pulley, V-belt or grinding wheels. Shpg. wt. 24 lbs. **$9.95**

99 A T6725K—**Grinder Head** with DUNLAP ¾-H.P. 1750 R.P.M. split phase 110–120 volt 60-cycle A.C. motor; 4-in. motor pulley; and ½x36-in. V-belt. wt. 46 lbs. **$25.25**

[B] 9 A 6421—**Guards.** For 99A06629. 8-in. capacity. Wt. 7 lbs. 8 oz. Pair **$2.95**

[C] 9 A 6420—**Sickle Bar Holder.** For 99A06629K. To hold mower knives rigidly while sharpening. Shpg. wt. 4 lbs. **$3.45**

CRAFTSMAN Wet Grindstone

[D] Extra heavy duty. For machine shops, factories, garages, etc. Highest quality natural Ohio grindstone; 10-in. diameter, 1½-in. face. Built-in jackshaft. Heavy cast iron body; cast iron bearings. Adjustable 3-in. tool rest. Hinged splash guard. Drain plug. With 4½-in. drive pulley. Use 1½-in. motor pulley with 1750 R.P.M. motor. Gray enameled. Bench not included. (We recommend 99A02140 bench with 2 extra 9A2016 cross slide rails; see page 57 of this catalog.)

99 A 06620K—**Without motor,** motor pulley, V-belt or bench. Shpg. wt. 32 lbs. **$12.95**

99 A T6727K—With DUNLAP ¾-H.P. 1750 R.P.M. split phase bronze-bearing 110–120 volt 60-cycle AC motor; 1½-in. motor pulley; and ½x42-in. V-belt. Wt. 56 lbs. **$28.00**

9 A 6621—**Replacement Stone for above.** Shipping weight 13 pounds. **$3.95**

CRAFTSMAN Grinder Hone

NEW! This double purpose grinder-hone puts a perfect edge on almost any tool or implement. Perfect for farmers, machine shops, factories, wood working shops, leather industries, etc.

Grinding wheel ¾x6-in. mounted on right side of housing, turns at 3450 R.P.M. on sealed ball bearings, has 60-80 aluminum oxide grit.

Honing wheel is ¾x5-in. oilstone . . speed reduced to 115 R.P.M. by worm gear . . turns on 1¼-in. heavy duty Oilite bearing. Has 120 grit for whetting, 320 for honing. Gears and spindle run in bath of oil.

Top quality all steel construction. Two adjustable tool rests . . grinder tool rest can be used on side or edge of wheel. 8x10½x9-in. deep overall. Use at least ¼-H.P. 1750 R.P.M. motor with 4-in. motor pulley. Complete with guard and machine pulley. Do not run grinder spindle over 3450 R.P.M. Shipping weight 21 pounds.

99 A 02267K—Grinder without motor, motor pulley, V-Belt. **$31.50**

99 A02268L—Grinder with DUNLAP ¾-H.P. 1750 R.P.M. split phase motor 110-120 volt 60-cycle AC. V-belt, motor, pulley. Wt. 45 lbs. **$47.00**

CRAFTSMAN 6-inch Grinder

[E] **Heavy duty.** Wide clearance between wheel centers. 9⅝x⅝-in. spindle; ½-in. at ends; 20-thread. Extra-long porous bronze bearings; oil well around each. Spring cap oil cups. Adjustable guards, tool rests. Shielded 2-step V-drive pulley for ⅝-in. V-belt. Gray enameled. Takes standard accessories; drive from rear or below. With two 6x¾-in. vitrified grinding wheels (fine and medium grits).

99 A 06614—**Grinding head and wheels only.** Without motor, motor pulley, V-belt. Shpg. wt. 19 lbs. . . . **$13.25**

99 A T6655K—**Grinding head** with DUNLAP ¾-H.P. 1750 R.P.M. split-phase 110–120 volt 60-cycle A.C. motor; 5-in. motor pulley; V-belt. Shpg. wt. 42 lbs. **$29.25**

CRAFTSMAN Polishing Head

[F] General purpose. Cast iron frame; enameled gray. Spindle threaded ½-in. 20-thread. Porous bronze bearings; oil well around each. Spring cap oil cups. Height 7½-in. Machined steel flanges. Drive from rear or below. 2-inch pulley for V-belt. **Not recommended for use with grinding wheels.**

9 A 6627—**Head only.** Without motor, motor pulley or V-belt. Shipping weight 5 lbs. 8 oz. **$4.60**

99 A T6657K—With DUNLAP ¾-H.P. 1750 R.P.M. split phase, 110–120 volt 60-cycle A.C. motor; motor pulley; V-belt. Shpg. wt. 29 lbs. . . . **$20.50**

NEW! Electric Sharpener

[G] All-purpose electric hone-sharpener. For home, workshop, or anywhere that rapid, accurate sharpening and honing is done. Hones knives, chisels, axes, carpenter tools, etc.

On-off switch leaves both hands free to hold work. No oiling needed. Sturdy metal frame. With 8-ft. cord and plug. For 110–120 volt, 60-cycle AC.

9 A 9228—With one general purpose hone. Shipping weight 5 lbs. **$10.75**

9 A 9229—**Extra hones for sharpener above.** 3 hones, one each medium, fine, and super fine grits. In plastic box. Shipping weight 1 lb. **$1.85**

Cut Repair Bills..Weld it Yourself!

CRAFTSMAN Welding is Easy and Profitable!

REG. U.S. PAT. OFF.

CRAFTSMAN "INDUSTRIAL" This tool is designed and built for production work in industry—with specifications to meet the demands of factories and shops.

$199.00 CASH
200-ampere welder
$20.00 DOWN.. ON EASY TERMS

Ideal for proper maintenance of expensive farm machinery

Its versatility makes it perfect for garages, repair shops

Enables you to build up your own home repair shop business

CRAFTSMAN Industrial

REG. U.S. PAT. OFF.

A. C. Electric Arc Welders

- CRAFTSMAN Electric Arc Welders are tested and approved by Underwriters' Laboratories, Inc. for safety, freedom from fire hazard and for temperature rise limits.
- Coils insulated with spun glass insulation . . . dipped in varnish, then baked. Practically impossible to burn out welder if used on correct current supply (220–230 volts).
- Fire-resistant all-metal cabinets with control panels fully protected against dust and dirt.
- Built-in reactance helps maintain steady arc; automatically increases voltage on low heats . . . provides economical efficiency.
- Transformer has high power factor for efficiency and reduced current consumption.
- Range of current outlets allows variety of work. Cuts, brazes, solders and welds metals of all thicknesses. Even more versatile if used with Twin Carbon Torch 9A2007, below.

Maximum heat at arc with minimum current consumption! Natural draft cooling . . . no fans. Approved code-type on-off switches. Sturdy steel feet in front; large wheels in rear. Stub wire leads for A.C. connection. With 5 lbs. assorted welding electrodes, wire brush, carbon electrode, electrode holder, two 15-ft. cables, welding helmet and manual (9A2025 on opposite page). For single phase, 220–230-volt, 60-cycle A.C. only. **Be sure to check voltage, cycle, phase and capacity of your power line with your local power company before ordering.**

SPECIFICATIONS:	99 A M2012	99 A M2015
• Maximum amperes actual welding current delivered..	200 amperes	300 amperes
• Welding heats available (actual welding current).....	Eighteen: 20 to 200 amps.	Thirty: 20 to 300 amps.
• Maximum rod size.....	5/16 inch	3/4 inch
• Type of service.....	Continuous	Continuous
• Current supply required.....	Single phase 220–230-volt A.C.	Single phase 220–230-volt A.C.
• Maximum open circuit secondary volts.....	94 volts	94 volts
• Maximum line draw.....	48.5 amperes	65 amperes
• Maximum kilowatts.....	6.2 kilowatts	8.2 kilowatts
• Maximum kilo-volt-amperes.....	10.7	14.3
• Cabinet dimensions, Height.....	33 inches	37 inches
Width.....	20 inches	23 inches
Depth.....	21 inches	21 inches

99 AM 2012—200 amp. capacity. Shipping weight 260 pounds..... **$199.00**
99 AM 2015—300 amp. capacity. Shipping weight 336 pounds..... **270.00**

$13.95

Welders' Supplies . . Twin Carbon Torch . . Electrodes

A **CRAFTSMAN Industrial Twin Carbon Torch.** For brazing, soldering, etc., on A.C. arc welders. Insulated fiber grip. Easy sliding control. Off switch. Ideal for thin metals, etc. Lightweight . . perfectly balanced. 15¾ in. long. With 5-ft. cables, carbons, instructions. Holds ¼ to 5/16-inch carbons.

9 A 2007—Shpg. wt. 4 lbs. 6 oz..... **$13.95**

Twin Torch Cored Carbons.
9 A 2020—¼x6 inches. Shpg. wt. 2 oz....Each **12c**
9 A 2021—5/16x6 in. Shpg. wt. 2 oz....Each **15c**
9 A 2022—3/8x6 in. Shpg. wt. 2 oz....Each **17c**

B **20-lb. Electrode Assortment.** (About 380 rods.) A complete assortment! For A.C. or D.C. welders (D.C. reverse polarity). Includes: *Rods for mild steel welding:* 2 lbs. 1/32-in. rods; 4½ lbs. 1/16-in. rods; and 4½ lbs. 5/64-in. rods; *for cast iron welding:* 4½ lbs. 1/16-in. rods; *for hard surfacing:* 4½ lbs. 1/16-in. rods. Shipping weight 22 pounds.
99 A 02024K—Complete Assortment..... **$8.95**

C **CRAFTSMAN Welding Electrodes.** Flux-coated for A.C. or D.C. (D.C. reverse polarity) welders. *When ordering, be sure to state catalog number, package and rod size.*
9 A 2003—*For use on mild steel. State size wanted.*

Pkg.	Shpg. wt.	1/16-in.	3/32-in.	1/8-in.	5/32-in.	3/16-in.
2 lbs.	2 lbs.	$3.75	.....	.....	.....	.....
5 lbs.	5 lbs. 12 oz.	.....	$2.55	$1.95	$1.70	$1.70
25 lbs.	29 pounds	.....	12.25	9.25	7.95	7.95

9 A 2055—**For use on cast iron. State 1/16-in. size.**
5-lb. pkg. Wt. 5 lbs. 12 oz. $2.05 25-lb. pkg. Wt. 29 lbs. $9.75
9 A 2004—**For use on hard surface. State 1/16-in. size.**
5-lb. pkg. Wt. 5 lbs. 12 oz. $3.80 25-lb. pkg. Wt. 29 lbs. $18.50

D 9 A 2002—**Brazing Rod Kit.** 2 pounds 18-in. x 1/16-in. bronze rods. 5 oz. flux. Shpg. wt. 2 lbs. 10 oz..... **$4.50**

Industrial Welding Helmets

E **One-piece seamless vulcanized fiber construction.** Our best. Scientifically designed and tested. Withstands hardest use. Fiber head band adjustable over wide range of sizes . . easily adjusts with metal knob. No metal touches head. Mask covers entire front of head . . extends down under chin and around on sides and top . . operator cannot receive "flash" from welding torch. Friction joint adjustable from outside for free-floating action; secure in "on" and "off" positions. Bakelite glass holder. 2x4¼-in. clear cover glass provided. *Filter lens not included* (sold separately below).
9 A 1324—Shipping weight 2 pounds 9 ounces..... Each **$8.95**

F **Fabricated fiber construction.** Adjusts to fit head size. Can be thrown back without removing from head. Friction joint between headband and helmet readily adjustable and secure in both "on" and "off" positions. Scientifically designed construction protects welder from torch "flash." 2x4¼-in. clear cover glass and No. 10 shade filter lens provided.
9 A 1326—Shipping weight 2 pounds 8 ounces..... **$3.95**

Extra Filter Lens and Cover Glass. (not illustrated.) For arc welding use. Size 2x4¼-in. Fit almost all styles of helmets. Shpg. wt. each 5 oz.
9 A 1327—No. 10 shade Filter Lens. For 75 to 250-amp..... **$1.00**
9 A 1328—No. 12 shade Filter Lens. For 250-amp. or over..... **1.00**
9 A 1329—Clear Cover Glass. Protects filter lens from sparks..... **6c**

Pay for your welding equipment while you use it! Buy on Sears Easy Payment Terms. See inside back cover for complete details

Solder all electrical joints easily

Use it to solder costume jewelry

Slender design of tip permits long reach

Heat-seal home-freezer packages

CRAFTSMAN Arc Welders

REG. U.S. PAT. OFF.

All-purpose 150-amp.

- Ideal for intermittent service in farm, garage, small industrial shops; operates perfectly on REA and other power lines
- Approved by Underwriters' Laboratories, Inc.; meets REA and NEMA standards

$180.00 CASH
$18.00 DOWN

Complete! Plug in on properly wired and fused line (30-amp.). Welds 2½ minutes out of every 10 at 150 amps; much longer at lower ratings. 25% duty cycle; 5% more than needed. Spun glass insulation; varnished and baked. Has principal features of welders on opposite page. 33x20x21-in. metal cabinet. Uses 5/32-in rods, or smaller.

Eighteen heats, 20 to 150 amps. actual welding current. Max. open circuit secondary volts 64; K.W. 4.8; max. K.V.A. 6.9. Two 15-ft. flexible cables; assorted electrodes; electrode holder; steel brush; helmet; 3-wire 7-ft. primary cable; polarized plug; receptacle; manual (9A2025). For single-phase, 220-230-volt 60-cycle AC power lines where local distribution transformer has 3 K.V.A. or greater. **Check voltage, phase, cycle and capacity of line with power company before ordering.**

99 A M2018—Shpg. wt. 226 lbs. **$180.00**

Light-duty 75-amp.

- Compact, portable. For light maintenance
- Ideal for the home shop; Easy to operate
- Approved by Underwriters' Laboratories, Inc.
- Spun glass insulation.

$75.95 CASH
$8.00 DOWN

Actually welds on all heats. 20% duty cycle for intermittent service. Just plug in on properly wired and fused (30 amp.) house or shop circuit.

High quality materials, as in larger CRAFTSMAN welders. Fire resistant all-metal cabinet. 14½x12¾x10-in.; controls on front. "On-off" toggle switch. Automatic voltage regulation. Natural draft cooling. Max. rod size ⅛-in. Use also with twin carbon torch 9 A 2007.

Four heats, 30, 45, 60, 75-amps., actual welding current. Maximum open circuit secondary volts, 65; max. K.W. 2.0; max. KVA 3.0; max. line draw 26 amps.; line draw when idle 1.5 amps. Two work cables (7-ft. ground, 9-ft. electrode cable); 6-ft. primary cable; plug; receptacle; carbon electrode; electrode holder; wire brush; 2 lbs. assorted welding rods; helmet; welder's manual (9A2025). For single phase, 110–120-volt, 50–60-cycle AC. **Check voltage, phase, cycle, capacity of your line with your power company.**

99 A M2011—Shpg. wt. 73 lbs **$75.95**

CRAFTSMAN Electric Soldering Gun

Heats in 5 to 7 seconds . . . shuts off automatically when trigger is released; quick cooling. Use it for automotive, radio and TV, telephone, laboratory, homecrafts, etc. Chisel-shape copper tip gives greater surface area, faster heat transfer. Convenient built-in pre-focused spotlight . . . lets you see clearly—even in dark corners! Rugged heat and shock-resistant pistol grip and plastic housing. Low cost, replaceable tips (listed below) require no redressing or unnecessary tinning. For 110–120-volt, 60-cycle AC only. With 6-ft. cord, plug; instructions.

A 9 A 5400—**Regular Duty. 135-watt.** Shipping weight 3 lbs. 4 oz. **$9.19**
B 9 A 5401—**Heavy Duty. 250-watt.** Shipping weight 3 lbs. 13 oz. **10.40**
9 A 5402—**Replacement Soldering Tips** for 9A5400. Wt. 1 oz. Pkg. of 2. .25c
9 A 5403—**Replacement Soldering Tips** for 9A5401. Wt. 1 oz. Pkg of 2. . .35c

CRAFTSMAN Electric Soldering Irons

Each one approved by Underwriters' Laboratories Inc. Heat quickly concentrated at point of copper tip by nickel-chrome element wound on Allegheny steel core. Smooth hardwood handles. Insulated cord and plug. For use on any 100-120-volt current.

C **CRAFTSMAN. 100-watt.** For radio or electrical work. 2½-ounce, ⅜-inch replaceable copper tip. 4¾ inches long.
9 A 5381—Shipping weight 1 lb. 8 oz. **$4.98**

D **CRAFTSMAN. 150-watt.** For general use. 2½-ounce ⅜-inch replaceable copper tip, 4¾ inches long. 3 cooling fins.
9 A 5382—Shipping weight 1 lb. 8 oz. **$5.98**

CRAFTSMAN. 200 watt. (Not shown.) Similar 9A5382 above, but heavy duty. 7-oz. replaceable copper tip, 4½ in. long; ⅝-in. diam. 3 cooling fins.
9 A 5383—Shipping weight 1 lb. 8 oz. **$6.85**

Don't risk injury while you work . . Sears Safety Equipment costs so little!

E **Low Cost Respirator.** For pollen and for dust from wood, grain, metal, stone. Lightweight molded rubber frame.
28 A 6087—Shipping weight 8 oz. **$1.98**

F **Chemical Respirator.** Pliable, non-irritating rubber with positive sealing edges. Valve can't stick open. Changeable cartridge protects against paint fumes, etc.
28 A 6077—Shipping weight 12 oz. **$3.98**
28 A 6078—**Extra Filter for above.** Shpg. wt. 5 oz. **Each 69c. Package of 5** **2.98**
28 A 6075—**Dust Respirator.** As above. Filter protects against both poisonous and disease producing dusts. Shpg. wt. 10 oz. . . . **$3.65**
28 A 6076—**Extra Filters** for above.
Shipping weight 4 oz. **Package of 5** 59c

G **Face Shield.** Protects eyes, face; plastic Snap-on window. Adjustable. Has sweatband.
28 A 6085—Shpg. wt. 1 lb. **$2.45**
28 A 6086—**Extra Window.** Shpg. wt. 8 oz. **$1.10**

H **Wind and Dust Goggle.** Protect your eyes from flying particles, dust, etc. Cloth sides filter dust, prevent fogging. Chenille edges. Shatterproof lenses won't discolor.
28 A 6068—Shipping weight 4 oz. **$1.45**
28 A 6062—Like above, but with plain glass lens. Shpg. wt. 4 oz. **$1.15**

J **Welder's Goggle.** Shade 5 lenses; for light acetylene work. Elastic headband for comfortable fit. Changeable lens.
28 A 6053—Shipping weight 4 oz. **$2.15**
Over-spectacle style. Like 28 A 6053 above but fits over regular glasses.
28 A 6054—Shipping Weight 12 oz. **$2.49**
Extra No. 4 density Filter Lenses. 50-mm. For welding, etc.
28 A 6055—Shipping weight 3 oz. . . . . **Pair 85c**
Extra No. 6 density Filter Lenses. 50-mm. For heavy welding.
28 A 6057—Shipping weight 3 oz. . . . . **Pair 79c**

K **Industrial Chipping, Grinding Goggle.** Eye protection from all directions. 50 mm. hardened lenses. Adjustable.
28 A 6060—Shipping weight 9 oz. . . **$2.19**
28 A 6061—Larger than above, made to fit over regular glasses.
Shipping weight 12 oz. **$2.39**
Extra 50-mm Lenses. For above glasses also for (M). Sold in pairs.
28 A 6088—Shipping weight 3 oz. **85c**

L **Lightweight Spectacle type Goggle.** Full angle vision. Plastic frame. Clear 44-mm. **6-curve armor-plate lens.** Wire cored paddle temples.
28 A 6079—Shipping weight 5 oz. . . . **$2.75**

M **Goggles with Wire mesh shields** for chipping, grinding. Non-corroding frame insulated temples. Hardened, ground 50-mm. lenses.
28 A 6070—Shipping weight 8 oz. . . . **$1.98**

36-page Arc Welder Manual

N It's Easy to Weld . . learn how with this 36-page, illustrated instruction book. 165 illustrations and easy to follow instructions cover all steps from learning to weld to the repair of equipment and building of new devices for more efficient work on the farm and, in the shop or factory. Describes equipment to be used and clothing to be worn. Shipping weight 3 ounces.
9 A 2025. . . . . .49c

$73.50 CASH
$7.50 DOWN . . ON EASY TERMS

Here's PROOF that **CRAFTSMAN** *Welders give you more for your money!*

Chart below shows some of the important features of the CRAFTSMAN Welder, compared with 4 other leading brands. Check them yourself! See why CRAFTSMAN has become standard equipment in so many welding shops throughout America!

FEATURE	CRAFTSMAN	Brand A	Brand B	Brand C	Brand D
Is mixing chamber located outside of torch handle for maximum safety?	YES	NO	YES	NO	NO
Are all parts of torch in contact with gases made of brass, bronze, Monel or other non-ferrous metals?	YES	NO	NO	NO	NO
Do regulators have foolproof safety diaphragm shearing mechanisms to prevent dangerous pressure on reduced pressure side of regulator?	YES	NO	YES	NO	NO
Are regulators designed so that gas pressure shuts itself off without depending on springs?	YES	NO	YES	NO	NO
Does oxygen regulator have heat-absorbing nozzle to insure against ignition of worn or damaged seat?	YES	NO	YES	NO	NO

Four Times Tested!

CRAFTSMAN Welder

REG. U.S. PAT. OFF.

It's Safe! Non-Flash Mixer Set Beyond the Torch Head!

- Tested and approved by Underwriters' Laboratories, Inc.
- Approved by Associated Factory Mutual Insurance Companies
- Tested and approved by Sears own testing laboratories
- Every part individually tested at factory before shipment
- All parts ground and hand fitted to eliminate leaks
- Regulators have patented safety pressure relief devices
- All parts are made of solid brass or bronze

Farmers! Factories and industrial shops! Garages, repair and welding shops! Scrap-yard operators! Maintenance men! Just what you've been looking for . . a super quality oxy-acetylene welding outfit at a price you can afford. Pays for itself many times over.

Farmers—welding is easy! With this unit and the Welder's Handbook (included) plus only a little practice, you'll be able to do your own welding. Readily portable . . use it anywhere, even where electricity is not available. Make field repairs . . no need to bring work to shop.

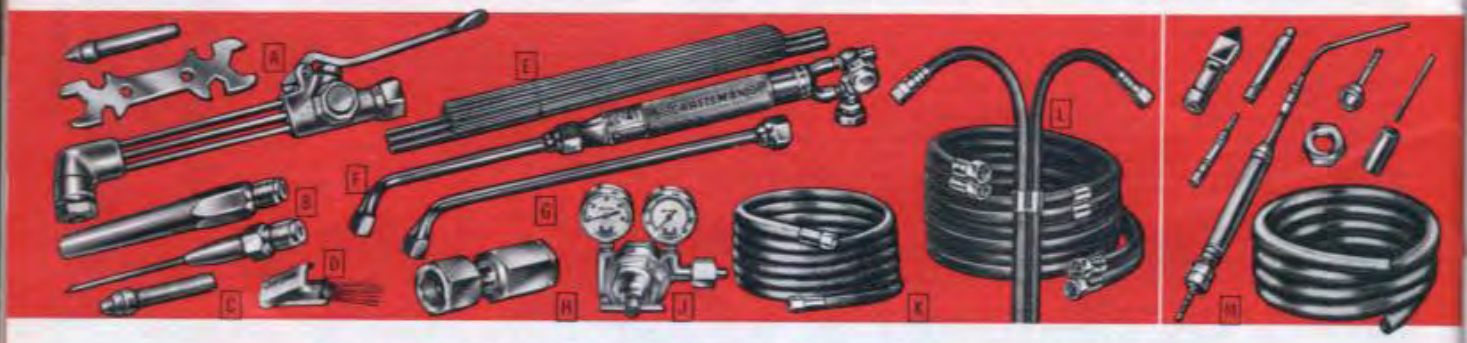
Extra heavy duty construction . . . has exclusive features found in no other welder! Balanced pressure non-flash mixer is beyond head of torch and outside of torch handle for maximum safety. Regulators have patented safety pressure relief devices. Tips are one-piece SWAGED solid drawn copper; superior to ordinary tips; will not back-fire! 17¾-inch long-life bronze non-flash torch; use with right or left hand; can be turned off without disturbing setting at regulators. 6-inch gooseneck is bronze forging—will not bend. Forged bronze-bodied regulators, with off-on feature, have two pressure gauges with brass cases—0 to 80 and 0 to 4,000-pound oxygen regulator; 0 to 30 and 0 to 500 pound on acetylene regulator. See chart at left for convincing proof that CRAFTSMAN welders give you more for your money.

Also included with this unit: Five wide-range tips (sizes AA-1, AA-2, AA-3, AA-4 and AA-5); 25 ft. of Twin Siameez Hose (tested to 800 pounds per square inch); assorted welding rods; flux; lighter; two wrenches; 50 mm. welders' goggles; 258-page Welder's Handbook. (Unit may be used as cutting torch with 9 A 5444 attachment—not included in unit; please see below.)

99 A 05442K—**Complete Unit**, as above. Shipping weight 25 lbs. . . . **$73.50**

9 A 5410—**Flux only.** Can be used for all kinds of acetylene welding. Shipping weight 1 pound 8 ounces . . . . . 1 pound can **65c**

9 A 5411—**258-page Welder's Handbook.** Shipping weight 1 lb. **$3.50**



Oxy-Acetylene Welding Attachments and Accessories

A **CRAFTSMAN Cutting Attachment.** *U.L. approved.* Use with welder's outfit 99A05442K listed above. Replaces mixing attachment. Use in place of mixer. Complete with one B-3 cutting tip, wrench and simple instructions.
9 A 5444—Shpg. wt. 2 lbs. 12 oz. **$16.95**

B **CRAFTSMAN Welding Tips.** Heavy, one-piece solid drawn copper. Polished finish. Use with 99A05442K listed above, or with 9A5429 listed at right. Shipping weight each 4 oz.
9 A 5441—*State size wanted* . . . . . Each **$1.75**

Size	Capacity, in.	Size	Capacity, in.
AA-0	Soldering	AA-5	⅜ to 9/16
AA-1	1/64 to 1/16	AA-6	½ to ¾
AA-2	3/64 to ⅛	AA-7	⅝ to 1
AA-3	⅛ to 3/16	AA-8	1 in. up
AA-4	3/16 to ⅜		

C **CRAFTSMAN Cutting Tips.** For use with cutting attachment 9A5444 listed above.
9 A 5447—*State size wanted* . . . . . Each **$3.15**

Size	Cuts Steel	Shpg. wt.
B-1	Up to ⅛ inch	6 oz.
B-2	⅛ to ½ inch	6 oz.
B-3	½ to 1½ inches	6 oz.
B-4	1½ to 4 inches	6 oz.
B-5	4 to 6 inches	6 oz.

D **CRAFTSMAN Welding Tip Cleaners.** For all CRAFTSMAN tips. In metal case.
9 A 5425—Shipping weight 3 oz. **$1.95**

CRAFTSMAN Cutting Tip Cleaner. Fits all CRAFTSMAN torch tip sizes. In metal case.
9 A 5445—Shipping weight 3 oz. **$1.75**

E **Assorted Welding Rods.** A complete selection that permits you to do oxy-acetylene welding of bronze, cast iron, aluminum, mild steel. Includes 91 rods as follows: four ⅛x18-inch and four 3/32x18-inch Tobin bronze rods; thirty 3/32x18-inch, twenty-two ⅛x18-inch, twelve 5/32x18-inch and eight ¼x18-inch mild steel rods; four 3/32x18-inch drawn aluminum rods; seven ¼x24-inch cast iron rods.
9 A 5440—Shipping weight 12 lbs. **$4.95**

F **Welding Torch.** Approved by Underwriters' Laboratories, Inc. High quality bronze non-flashback torch with 6-inch gooseneck mixer; 17¾ inches long over-all. Gooseneck is solid bronze drop forging . . . will not bend. Will cut steel with 9A5444 cutting attachment listed at left.
9 A 5429—Shipping weight 3 lbs. **$16.50**

G **12-inch Mixing Chamber.** Solid drop-forged bronze construction. Gooseneck type. Necessary when using 9A5441 welding tips, sizes AA-6, AA-7 or AA-8, listed at left.
9 A 5443—Shipping weight 13 oz. **$6.25**

H **Adapter** for Airco, Commercial or Searchlight tanks.
9 A 5413—Shipping weight 5 ounces **$1.60**
9 A 5414—**Adapter** for Prest-O-Lite auto lighting tanks. Shipping weight 5 ounces **$1.60**

J **Oxygen Regulator.** Approved by Underwriters' Labs., Inc. 0 to 80 and 0 to 4,000-lb. gauges; brass cases. Guaranteed accurate.
9 A 5430—Shipping weight 5 pounds 10 ounces **$17.95**

High-pressure Oxygen Regulator. Approved by Underwriters' Laboratories, Inc. Use to cut metal thicker than 3 in. With 0 to 300 and 0 to 4,000-lb. gauges. Delivery pressure adjustable from 0 to 150 lbs.
9 A 5448—Shipping weight 5 pounds 10 ounces **$17.95**

Acetylene Regulator. Approved by Underwriters' Laboratories, Inc. 0 to 30 and 0 to 500-pound gauges. Brass cases. Guaranteed accurate.
9 A 5431—Shipping weight 6 pounds **$15.95**

K **¼-inch Green Oxygen Hose.** With connections. *State length wanted.*
9 A 5437—12½ feet. Shipping weight 1 lb. 12 oz. **$1.95**
25 feet. Shipping weight 2 lbs. 15 oz. **3.45**

¼-inch Red Acetylene Hose. With connections. *State length wanted.*
9 A 5438—12½ feet. Shipping weight 1 lb. 12 oz. **1.95**
25 feet. Shipping weight 2 lbs. 15 oz. **3.45**

L **"Siameez" Welding Hose.** 25-ft. length heavy duty welding hose. Oxygen and acetylene hose molded together to form one unit.
9 A 5427—With connections. Shipping weight 7 lbs. **$9.50**

M **CRAFTSMAN Heating-Brazing Set.** Use with Prest-O-Lite cylinders to solder, braze, burn paint, etc. Operates on acetylene only. Requires pressure up to 4 lbs. for largest tip. Not to be used in connection with oxygen or air pressure. Includes: handle; three heating tips; soldering copper; paint burning tip; tank connection; tip cleaner; 5 ft. rubber hose and simple instructions for using. Complete—there are no extras to buy.
9 A 5446—Shipping weight 2 pounds **$7.25**

CRAFTSMAN *Flexible Shafts let you take the tool to the job!*

You need one if you own your own home!

$14.95 Complete Set Without Motor

Every home owner will find this amazing tool his (or her) answer to minor repair problems . . tiresome sanding and buffing jobs and innumerable other chores that are never ending around the house or farm. A different power tool at your fingertips each time you change accessories and you can take this tool to the job!

Without Motor **$31.00** CASH
$3.50 DOWN ON TERMS

CRAFTSMAN 50-in. Flexible Shaft Set

Makes grinding, sanding, cleaning, polishing, and drilling far easier. Set includes the following:

Flexible Shaft. 50 inches long over-all; fits ½-in. motor shaft. Casing has 2 layers of steel consisting of an inner layer of tempered spring steel and an outer layer of soft steel. Ball bearings in hand piece and in motor coupling. Aluminum alloy housing. Black, rust-resistant steel end fittings. Has ⅝-in. core of multiple strand, helically-wound high carbon steel wires. Spindle is ½-in., 20-thread.

Motor. DUNLAP ¼-H.P. 1750 R.P.M. sleeve bearings split phase for 110–120-volt, 60-cycle A.C.; ½-in. shaft; heavy duty rubber cord and unbreakable plug.

Buffing Equipment. 6-in. double-thickness buff; 6-oz. bar of rouge buffing compound for nonferrous metals; 5-oz. bar of Tripoli (brown) buffing compound for aluminum, brass, wood, plastics, etc. Also 4-in. rubber and abrasive polishing wheel, ½-in. thick, ½-in. bore; 5½-in. flexible sanding plate, medium grit; 3-jaw chuck; screw-on type, ¼-in. capacity.

99 A T2651K—Complete set with motor. Shipping weight 31 pounds..... **$29.25**
9 A 2630—Complete set without motor. Shipping weight 8 pounds..... **$14.95**
9 A 2633—CRAFTSMAN 50-inch Flexible Shaft only, without motor. Shpg. wt. 6 lbs..... **$10.95**
99 A T2619K—CRAFTSMAN 50-inch Fexible Shaft, with ¼-H.P. 1750 R.P.M. sleeve bearing split phase motor for 110–120-volt, 60-cycle A.C. Shipping weight 29 pounds..... **$25.25**
9 A 2634—Flexible Shaft Extension (not shown). 38 inches long. Same construction as above flexible shaft. Without hand piece or motor coupling. Shipping weight 3 pounds 2 ounces..... **$4.25**
9 A 2622—Extra Core for above flexible shaft or extension. Shipping weight 1 lb. 2 oz..... **$2.75**

Top Quality Features

Helically wound carbon steel wire (23 wires, 5 layers in 50-in. shaft; 35 wires, 6 layers in 72-in. shaft.) Minimum tensile strength 240,000 pounds per square inch.

50-in. flexible shaft casing has inner layer of spring steel. Outer layer of soft steel resists lubrication leakage and rust.

72-in. heavy duty flexible shaft casing has oil tempered spring steel liner; oil-resistant fabric jacket; steel wire and braid reinforced synthetic rubber cover.

CRAFTSMAN 72-inch Flexible Shaft

Extra long . . and its extra length makes this flexible shaft extra useful. You can get into more difficult places for high speed drilling and grinding; you can twist this shaft and bend it . . it won't hurt its performance . . that's the type of duty it was built to do. Ideal for heavy duty use in garages, shops, factories and industrial plants.

Chrome-plated steel hand piece and motor coupling have extra large precision ball bearings for smoother operation and longer wear. Hand piece is rust-resisting. Knurling on hand piece gives firm grip. Black steel end fittings.

Extra long 72-inch shaft. Fits ½-inch motor shaft. Spindle is ½-inch, 20-thread. Core is made from ½-inch high carbon steel wire, helically-wound, multiple-strand. Inner casing is of helically wound steel, covered with heavy, abrasion-resistant synthetic rubber jacket . . steel impregnated . . will not scratch surfaces.

Unusually flexible! This shaft bends and twists in almost any shape you want. Absolutely leakproof! Supports core evenly. The spiral steel chrome finish outer reinforcement at end of shaft protects the jacket. Complete with casing, core, motor coupling, hand piece and simple instructions for correct usage. *We believe there is no finer flexible shaft offered today!*

99 A 02655L—CRAFTSMAN 72-inch Flexible Shaft, without motor. Shipping weight 12 pounds..... **$31.00**
99 A T2629L—CRAFTSMAN 72-inch Flexible Shaft, with ¼-H.P. 1750 R.P.M. Capacitor ball bearing motor for 110–120-volt, 60-cycle AC. ½-inch double end shaft. Shipping weight 46 pounds..... **$60.00**
9 A 2682—Extra Core for above flexible shaft. Shipping weight 3 pounds 4 ounces..... **$7.25**

CRAFTSMAN and DUNLAP are registered Trade Marks of Sears, Roebuck and Co. Whenever you see these names on our products you are assured you are receiving the finest quality. Look for the names CRAFTSMAN and DUNLAP.

Top Quality Cutting and Grinding Accessories for Above Flexible Shafts

Mounted grinding tools for use on flexible shafts . . give you a different tool each time you change grinders. Points made of highest quality vitrified aluminum oxide. Accurately mounted on ¼-inch steel shafts; run true. For finish work, die cutting, or other grinding work. Sizes given are stone sizes. Use 9A6458 for sharpening 9A2420 hollow chisel (described and listed on page 35). Shipping weight each 3 ounces.

	Catalog No.	Diam.	Length	Each
A	9 A 6461	¾ in.	2½ in.	59c
B	9 A 6463	⅜ in.	2 in.	59c
C	9 A 6462	½ in.	2 in.	59c
D	9 A 6459	1 in.	1 in.	59c
E	9 A 6458	13/16 in.	⅜ in.	59c
F	9 A 6457	⅜ in.	1 1/16 in.	59c
G	9 A 6460	1 in.	1 in.	59c
H	9 A 6443	1 in.	½ in.	59c
J	9 A 6444	1½ in.	½ in.	59c

K **Cup Grinding Wheel.** Does dozens of jobs around the workshop or home. Can be used with a flexible shaft, electric grinder, etc. Compact wheel for grinding in hard-to-reach places. Use it for grinding castings, construction work, etc. Of high-quality, long-life material. Resinoid bonded. ½-inch lead bushed arbor hole. 5-inch diameter; 2-inch flared cup; 1-inch rim. Shpg. wt. 2 lbs. 4 oz.
9 A 6401—Silicon Carbide. For grinding and smoothing concrete and other extra rough surfaces..... **$4.29**
9 A 6402—Aluminum Oxide. For grinding, smoothing welds, deburring castings..... **$3.79**

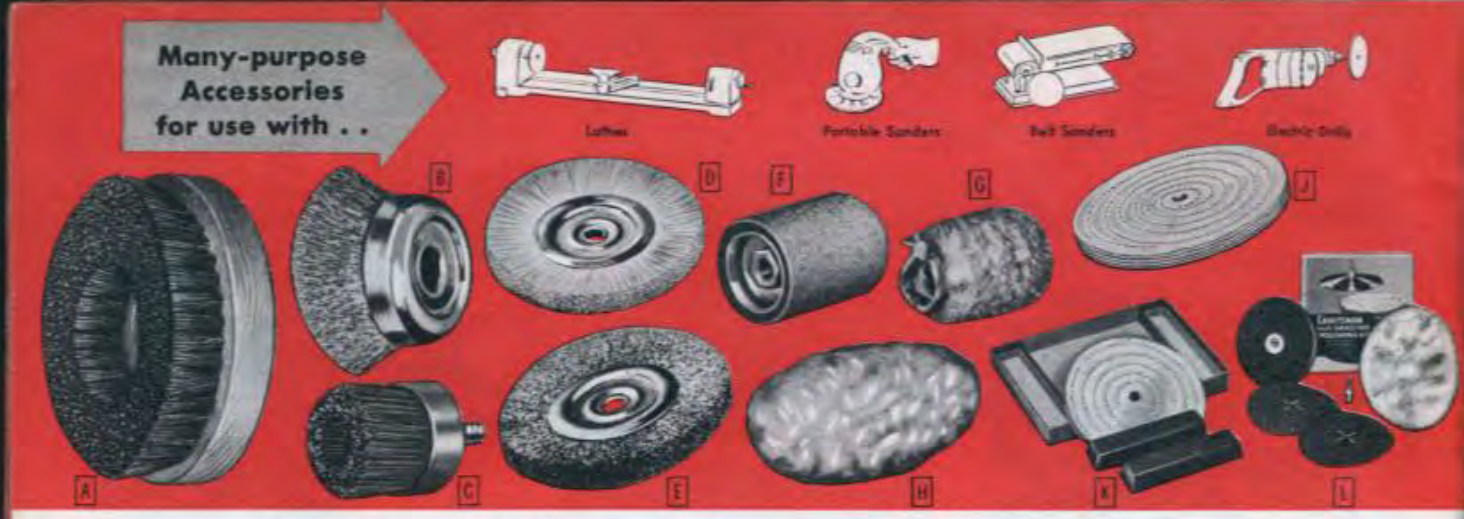
L **CRAFTSMAN 6-piece Rotary Cutter Set.** For industrial use, home work shops, hobbyists, sculptors, etc. Use with flexible shafts described above, electric drills, etc. Ideal for milling, carving, deburring castings, shaping stone and concrete. High-speed "Super-Tuff" steel; heat treated. ¼-inch diameter shanks. Shipping weight 6 ounces.
9 A 2965—6-piece Set..... **$6.25**
Individual Rotary Cutters. Shpg. wt. 3 oz.
9 A 2966—¼-in. cylindrical shape..... **$1.15**
9 A 2967—¼-in. spherical shape..... **1.15**
9 A 2968—⅜-inch elliptical shape..... **1.15**
9 A 2969—¼-in. tree shape (radius end)..... **1.15**
9 A 2970—⅜-in. tree shape (pointed end)..... **1.15**
9 A 2971—¼-in. conical shape..... **1.15**

CRAFTSMAN Wheel Guards. Fit over end of shaft, covering portions of rotary tool or grinder nearest operator.

M 9 A 2637—Fits 9 A 2633, or any flexible shaft with 1 5/16-in. diameter hand piece. Shipping weight 1 lb. 3 oz..... **$3.45**

N 9 A 2638—Fits 99 A 02655L, or any flexible shaft with 1 5/16-in. diameter hand piece. Shpg. wt. 1 lb. 3 oz..... **$3.45**

P **CRAFTSMAN Angle Head.** Ideal for sanding, polishing. Cast aluminum head. Ball bearings take thrust; needle bearings take radial load. Fits only 99A02655L and 99AT2629L listed at top of page. Shipping weight 2 lbs. 8 oz.
9 A 2628..... **$28.95**



74 Different Accessories on These Two Pages

A Floor Brush. Handy for scrubbing, waxing, etc. 1-in. long Tampico fibers set in 6-in. diameter hardwood block. ½-in. arbor hole. Shpg. wt. 11 oz.
9 A 6487 ..... **$1.15**

B Wire Cup Brush. Special crimped steel wire bristles. 1½-in. long, secured in metal holder. For removing scale, rust, paint or weld spatter from rough metal surfaces. Brushing surface has 1½-in. face. 2¾-in. outside diameter; ½-in. arbor hole. Shipping weight 4 oz.
9 A 6485 ..... **90c**

C Carbon Removing Brush. Used by auto mechanics for hard-to-get-at jobs such as carbon removing, brushing motor parts, engine heads, etc. 1-in. long tempered steel wires secured in metal holder. Ferrule diameter 1 in.; ¼-in. diameter steel shank. Shpg. wt. 4 oz.
9 A 6484 ..... **75c**

D Tampico Fiber Wheel Brush. Tampico fiber secured by metal center. 6-inch diameter, ½-inch face, ½-inch arbor hole.
9 A 6486—Shipping wt. 8 oz. **90c**

E Steel Wire Wheel Brushes. Crimped steel wire; metal center. **Coarse** made from No. 33 wire; **fine** from .006-in. diameter wire; **heavy duty** from No. 33 wire. *State wheel diameter and arbor hole size wanted.*

Diam.	Face Width	Arbor Hole	Shpg. wt.	Each
9 A 6480—Coarse.				
4 in.	⅝ in.	½-in.	5 oz.	60c
6 in.	⅝ in.	½ or ⅝-in.	11 oz.	88c
8 in.	1¼ in.	½ or ⅝-in.	1 lb.	$1.10
9 A 6482—Fine.				
4 in.	⅜ in.	½-in.	5 oz.	85c
6 in.	½ in.	½ or ⅝-in.	11 oz.	$1.15
8 in.	⅝ in.	½-in.	1 lb.	1.45
9 A 6483—Heavy duty.				
4 in.	1 in.	½-in.	14 oz.	$1.70
6 in.	1⅛ in.	½-in.	1 lb. 12 oz.	2.25
6 in.	1⅛ in.	⅝-in.	1 lb. 12 oz.	2.25
8 in.	1⅜ in.	½-in.	2 lbs. 12 oz.	2.95

F Sanding Drums. Complete with adapter and medium grit sleeve. Diameter 2¼ in.; length 3 in. Fits ½-in. x 20-thread shaft.
9 A 2524—Shipping weight 12 oz. **$1.60**
Replacement Sanding Sleeve. (Not shown.) For above. *State grit: fine, medium, coarse.*
9 A 2522—Shipping weight 2 oz. **15c**

G Lamb's Wool Polishing Drum. 1-in. wool pile. Diameter 2¼ in.; length 3 in. Slips over sanding drum 9A2524 at left; polishes curved and irregular surfaces.
9 A 2533—Shipping weight 3 oz. **90c**

H Lamb's Wool Polishing Bonnets. Fit over sanding plates. For polishing wax surfaces. Shpg. wt. each 8 oz.
9 A 2520—4½-in. Fits over 3½ to 4-in. sanding plate. 1-in. pile **59c**
9 A 2521—6-in. Fits over 4 to 5-in. sanding plate. 1-in. pile **90c**
9 A 2527—7-in. Fits over 5 to 6-in. sanding plate. 1-in. pile **$1.15**
9 A 2528—8-in. Fits over 7-in. sanding plate. 1¼-in. pile **1.35**
9 A 2539—9-in. Fits over 8-in. sanding plate. 1¾-in. pile **1.70**

J CRAFTSMAN Spiral-sewn Buffs. Highest quality. Most generally used buff for all work. Made from unbleached muslin, 64x64-thread count. ½-in. center hole. *Order by catalog number and state diameter.*

Catalog No.	Diam.	Layers	Shpg. wt.	Each
9 A 6491	4 in.	18	2 oz.	29c
Single Thickness Buffs	6 in.	18	3 oz.	49c
	8 in.	18	6 oz.	69c
9 A 6493	4 in.	32	3 oz.	45c
Double Thickness Buffs	6 in.	32	6 oz.	69c
	8 in.	32	11 oz.	$1.00

CRAFTSMAN Loose Buffs (Not Shown) ½-in. center hole. Same as buffs at left but with rows of sewing. *State diameter.*

Catalog Number	Diameter	Rows of Sewing	Layers	Shpg. wt.	Each
9 A 6494	4 in.	2	32	2 oz.	45c
	6 in.	2	32	4 oz.	69c
	8 in.	3	32	7 oz.	$1.00

K CRAFTSMAN Buffing Set. For ½-in. shafts. 6-in. muslin wheel; 6-oz. bar Rouge and 5-oz. bar Tripoli compound.
9 A 2864—Shpg. wt. 1 lb. 1 oz. **$1.05**

CRAFTSMAN Buffing Compound Set. 5 oz. bar emery, tripoli, white and red rouge.
9 A 2896—Shpg. wt. 2 lbs. ..... 4 bars **75c**

CRAFTSMAN 6-oz. Buffing Compound Bars.
9 A 2860—**White Rouge.** Shpg. wt. 8 oz. **25c**
9 A 2865—**All Purpose.** Shpg. wt. 8 oz. **25c**

CRAFTSMAN Economy Size Buffing Compound Bars. 7¼x2¼x1½-in.
9 A 2872—**White Rouge.** 10-oz. bar. For hard metals. Shpg. wt. 1 lb. 8 oz. **60c**
9 A 2868—**All Purpose.** 1-lb. bar. For plastics, most metals. Wt. 1 lb. 4 oz. **60c**

L Sanding and Polishing Kits. Rubber plate; ¼-in. Chuck Adapter and sanding disc holder; lambs wool bonnet. Shpg. wts. 4-in. 12 oz.; 5-in. 1 lb.
9 A 2827—**DUNLAP 4-in. Kit** **$1.00**
9 A 2841—**CRAFTSMAN 5-in. Kit** **1.50**

GRIT CHART

Grade	Approx. Size	Flint or Sandpaper	Garnet Paper	Emery Cloth	Alum. Oxide Cloth
Extra fine	150	2/0	4/0	2/0	...
Fine	120	1/0	3/0	...	3/0
Medium fine	100	1/2	2/0	0	2/0
Medium	80	1	0	1	0
Medium coarse	60	1½	1/2	...	1/2
Coarse	40	2	1½	...	...

Grits of Abrasive Papers and their uses
1. Use *coarse, medium coarse and medium grit* for fast removal of material.
2. Use *medium fine and fine grit* for semi-finishing and light removal of material.
3. Use *extra fine grit* for finishing, polishing.

M Garnet Paper. 9x11-inch sheets.
9 A6795—*State grit and size package wanted.*

Grit	Shpg. wt. of 6	6 for	72 for
4/0 Extra fine	4 ounces	33c	$3.60
3/0 Fine	4 ounces	33c	3.60
2/0 Medium fine	5 ounces	33c	3.60
0 Medium	6 ounces	37c	3.95
½ Medium coarse	7 ounces	43c	4.65
1½ Coarse	8 ounces	53c	5.75

Wet or Dry Garnet Paper. 9x11-inch sheets. Can be used dry or with water or rubbing oil. Folds without cracking.
9 A 3018—*Please state grit wanted.*

Grit	6/0	4/0	2/0
	Super fine	Extra fine	Medium fine
Shpg. wt.	3 oz.	3 oz.	3 oz.
6 for	27c	35c	40c

9 A 3006—**Assorted Grits.** 4½x5½-in. sheets. Shipping weight 2 ounces. One package (10 sheets) **19c**

N Emery Cloth. Package of 6 sheets; 4½x5½ inches; assorted grits. Shipping weight 3 ounces.
9 A 6799—One package for **15c**
9 A 6798—3 sheets; 9x11 inches. Choice of 2/0, ½, or 1 grit. *Please state grit wanted when ordering.* Shipping weight 3 oz. ..... **3 sheets for 33c**

P Sandpaper. 4½x5-inch sheets. 20 sheets per package. Assorted grits. Shipping weight 4 oz.
9 A 6794—One package for **9c**
9x10-in. sheets. Sold only in units of 12 or 120 sheets.
9 A 6793—*Please be sure to state grit, and quantity of sheets wanted when ordering.*

Grit	Wt. of 12	12 for	120 for
Extra fine	8 oz.	19c	$1.79
Fine	8 oz.	21c	1.98
Medium	12 oz.	25c	2.39
Coarse	1 lb. 1 oz.	29c	2.65

R Aluminum Oxide Cloth. 9x11-inch sheets. Toughest abrasive known.
9 A 6789—*State grit and size package.*

Grit	Wt. of 3	3 for	24 for
3/0 Fine	6 oz.	45c	$3.25
2/0 Med. fine	6 oz.	45c	3.25
0 Medium	6 oz.	53c	3.98
½ Med. coarse	6 oz.	53c	3.98

S DUNLAP Sanding Block. With 30x1½ in. roll of med. grit garnet paper.
9 A 3681—Shpg. wt. 12 oz. **79c**

T CRAFTSMAN Hand Sander. 6-in. steel block frame with 30x2-in. roll medium grit garnet paper over flat felt cushion. 2-in. wide.
9 A 3679—Shpg. wt. 15 oz. **$1.59**
9 A 3665—**Garnet Paper refills** for above. 30x2-in. roll. Choice of coarse, medium, fine. Wt. 3 rolls 9 oz.
3 rolls any 1 grit. *State grit* **35c**
9 A 3666—**Aluminum Oxide Refills** for above sanding block. 30x2-in. No. 60-coarse, No. 100-medium, No. 150-fine grit. Shpg. wt. 3 rolls 9 oz.
3 rolls any 1 grit. *State grit* **35c**

U CRAFTSMAN Shop Rolls. Cloth back aluminum oxide abrasive. For wood or metal finishing. *Order by catalog no.; state grit.*

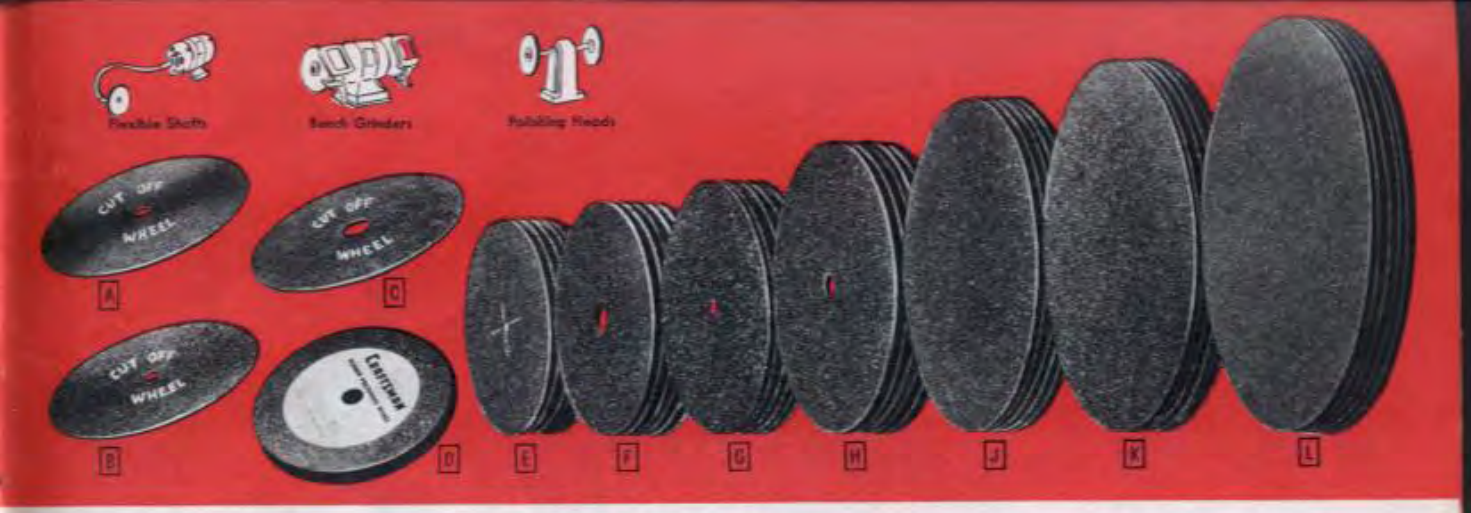
9 A 6431—1 inch wide		
Grit	Shpg. wt.	10-yd. roll
Fine	7 ounces	$0.85
Medium	7 ounces	.95
Coarse	10 ounces	1.10
9 A 6433—1½ inches wide		
Fine	7 ounces	$1.29
Medium	10 ounces	1.45
Coarse	13 ounces	1.65

V DUNLAP High-quality Steel Wool. Handy around the shop or home. Ideal for housewives, cuts down scouring. Your choice of four grades in handy palm-size pads: 0-fine; 1-medium fine; 2-medium; 3-coarse. *Be sure to state grade wanted.*
9 A 6791—**Package of 16 pads.** Shipping weight 1 lb. 4 oz. **55c**

W Casein Powder Glue. Makes a stronger bond than ordinary glue. Just mix it with water . . it's ready to use. Fine for use where dampness occurs. For use on wood, paper, cloth. Shipping weight 1 pound 4 ounces.
9 A 8092—11-oz. can **85c**

X Liquid Glue. Use for wood, leather, glass, etc. Ready to use . . . no mixing necessary.
9 A 8089—**4-oz. bottle.** Shipping weight 14 ounces **29c**
9 A 8082—**8-oz. bottle.** Shipping weight 1 lb. 4 oz. **59c**

Y DUNLAP White Glue. A fast setting clear drying liquid resin glue. For woodworkers, hobbyists, etc.; use for wood, leather, paper, etc. Shipping weight 14 oz.
9 A 8087—**4-oz. bottle** **35c**



A New Power Tool Every Time You Change Accessories!

A Aluminum oxide abrasive rubber-bonded Cut-off Wheels. 8-in. diameter by 3/32 in. thick. For ½, ⅝, or ¾-in. shaft.
9 A 6470—*State shaft.* Shpg. wt. 1 lb.... **$1.10**

B Resinoid-Bonded Cut-Off Wheels. 8-in. diameter, 3/32 in. thick. For ½, ⅝ or ¾-in. shaft. *State shaft diameter.*
9 A 6448—For steel sheets or tubing, etc. (Aluminum oxide.) Shpg. wt. 1 lb. Each.. **$1.49**
9 A 6449—For tile, porcelain, etc. (Silicon carbide.) Shpg. wt. 1 lb. Each..... **1.59**
9 A 6455—For cast iron, brick, concrete, etc. (Silicon carbide.) Shpg. wt. 8 oz. Each. **1.69**

C Bayflex Abrasive Wheels. Safest all-purpose grinding wheel made. Cotton felted, aluminum oxide impregnated and resinoid bonded. Replace hack saw, file, sharpening wheel or circular saw. 1-in. hole. Bushings furnished for smaller shafts.
9 A 6428—State diameter, grit and hole size.

Diam.	Thickness	R.P.M.	Grit	Shpg. wt.	Each
6 in.	1/16 in.	10,000	120	8 oz.	$1.38
6 in.	1/32 in.	10,000	80	12 oz.	1.68
6 in.	1/8 in.	10,000	24	1 lb.	1.98
7 in.	1/16 in.	8,500	120	12 oz.	1.80
7 in.	1/32 in.	8,500	80	1 lb.	2.20
7 in.	1/8 in.	8,500	24	1 lb. 8 oz.	2.60
8 in.	1/16 in.	7,500	120	1 lb.	2.25
8 in.	1/32 in.	7,500	80	1 lb. 4 oz.	2.80
8 in.	1/8 in.	7,500	24	1 lb. 8 oz.	3.35

D CRAFTSMAN Rubber Polishing Wheel. Abrasive in rubber. Ideal for rust removal, die work, deburring, sharpening, etc. ½ in. thick; ½-in. bore. Max. speed recommended: 4-in., 3800 R.P.M., 6-in., 2500 R.P.M. Fine, medium or coarse. *State grit.*
9 A 2928—4-in. Shpg. wt. 9 oz.... **$1.15**
9 A 2929—6-in. Wt. 1 lb. 8 oz.... **$1.98**

E Abrasive Discs. Aluminum oxide on paper. For wood or metal.
4-inch. Fits sanding plates up to 4 inches in diam. Pkg. of 6 (2 coarse, 2 medium, 2 fine).
9 A 2544—4 inch. Shpg. wt. 4 oz.. **25c**
5-inch. Fit sanding plates from 4½ through 5 inches in diameter.
9 A 2543—5-inch. Pkg. of 6 (3 medium, and 3 fine). Shpg. wt. 4 oz..... **25c**
9 A 2542—5-inch. **Open coat grit,** for heavy or old stock removal, paint or varnish removal. Package of 3. Shipping weight 2 ounces..... **25c**

F 5½-inch Deluxe Cloth-Backed Pre-gummed Abrasive Discs. Pregummed; no additional adhesive required. Aluminum oxide. For wood or metal. Fits 9A2610 sanding plate at bottom of page, or any other 5½-in. sanding plate. Fine, medium, or coarse grit. *State grit.*
9 A 2612—Pkg. of 2. Shpg. wt. 2 oz. **29c**

G 6-inch Abrasive Discs. Aluminum oxide abrasive on paper backing. For use on wood or metal. Hole in center for easier mounting. 6-in. sanding plates, whether they take perforated or solid replacement discs. Ideal for use with flexible shaft accessories on page 51. Open coat ideal for heavy or old stock removal, for paint or varnish removal.
9 A 2532—*State grit wanted.*
Fine. Pkg. of 6. Shpg. wt. 6 oz..... **29c**
Medium. Pkg. of 6. Shpg. wt. 6 oz.... **29c**
Coarse. Pkg. of 4. Shpg. wt. 6 oz.... **29c**
Open Coat Coarse. Package of 3. Shipping weight 6 oz..... **29c**
Assorted. Pkg. of 6 (2 fine, 2 medium, 2 coarse). Shpg. wt. 6 oz..... **29c**

H 7-inch Abrasive Discs. Aluminum oxide abrasive. For wood or metal.
9 A 2613—7-in. **Deluxe Cloth-Backed Pre-Gummed Abrasive Discs.** Fits 9A2611 sanding plate at bottom of page or any 7-in. sanding plate. Fine, medium or coarse grit. *State grit wanted.* Pkg. of 2. Shipping weight 3 oz..... **40c**
9 A 2531—7-inch. **Aluminum Oxide on Paper Backing.** Fits 99A01725K Work shop, 9A2567 Sander-Polisher Outfit or any 7-in. sanding plate. Pkg. of 6 (2 fine, 2 medium, 2 coarse). Shpg. wt. 9 oz. **49c**

J 8-inch Abrasive Discs. Aluminum oxide on paper. For use on wood or metal. Fits sanding plates 9A2341 and 9A2491 at bottom of page; also fits Sears former sander No. 2213; also fits any other 8-inch sanding plates.
9 A 2525—*State grit wanted.*
Fine. Pkg. of 6. Shpg. wt. 8 oz.... **59c**
Medium. Pkg. of 6. Shpg. wt. 8 oz. **59c**
Coarse. Pkg. of 5. Shpg. wt. 8 oz. **59c**

K 9-inch Abrasive Discs. Aluminum oxide abrasive on paper backing. For use on wood or metal. Fits our former 2730 disc sander or 99AM2235 sander (listed on page 20); or fits any other 9-inch diameter sanding plate.
9 A 2526—*State grit wanted.*
Fine. Pkg. of 6. Shpg. wt. 8 oz.... **69c**
Medium. Pkg. of 6. Shpg. wt. 8 oz. **69c**
Coarse. Pkg. of 5. Shpg. wt. 8 oz.. **69c**

L 10-inch Abrasive Discs. Aluminum oxide abrasive on paper backing. For use on wood or metal. Fits Sears former Sander No. 2210 or any other 10-inch sanding plates.
9 A 2534—*State grit wanted.*
Fine. Pkg. of 6. Shpg. wt. 10 oz... **89c**
Medium. Pkg. of 6. Wt. 10 oz..... **89c**
Coarse. Pkg. of 5. Wt. 10 oz..... **89c**

All Sears Sanding and Abrasive Supplies are top professional quality

M Stick Disc Cement. Holds sanding discs firmly to metal or wood sanding plates. Non-drying type. Choice of 4¾ or 16-oz. sticks.
9 A 2219—4¾-oz. stick. Shpg. wt. 6 oz..... **35c**
9 A 2229—16-oz. stick. Shpg. wt. 1 lb. 2 oz.... **75c**

N Liquid Disc Cement. Fastens abrasive discs to metal plates. Sets quickly and holds very firm. Shipping weight 1 lb. 2 oz.
9 A 2535—½-pint bottle..... **49c**

P 7-inch Resin-bonded Abrasive Discs. ½-inch center hole. These resin-bonded abrasive discs outlast glue-bonded discs from 2 to 2½ times! Easily worth the difference in price. Won't "soften up" under high speeds. Fine for curved surfaces. Made of aluminum oxide grit, firmly bonded to pliable fiber back. Your choice of following grits: No. 24, 36, 50 or 80. *Please be sure to state grit wanted when ordering.*
9 A 2220—Shipping wt. 5 oz..... Each **39c**

R 7-inch Fiber Backing Pads. Used for backing up abrasive discs for more rigidity. *Please state ½-inch center hole when ordering.*
9 A 2225—Shipping weight 4 oz..... Each **60c**

S Sanding Plates. Exceptionally high quality. Strongly made of cast iron. Set screw provided to lock plate securely on spindle. Plate has one abrasive disc for sanding wood, attached. Extra abrasive discs will be found listed at left. *Be sure to check spindle size before ordering and order by correct catalog number.*
8-inch diameter. Fits lathe with any ⅝-in. straight unthreaded spindle.
9 A 2341—Shipping weight 2 lbs..... **$3.95**
8-inch diameter. Fits lathe 99AM2307 (see page 21) or any ¾ in. x 16 right hand thread spindle.
9 A 2491—Shpg. wt. 2 lbs. 8 oz..... **$4.60**

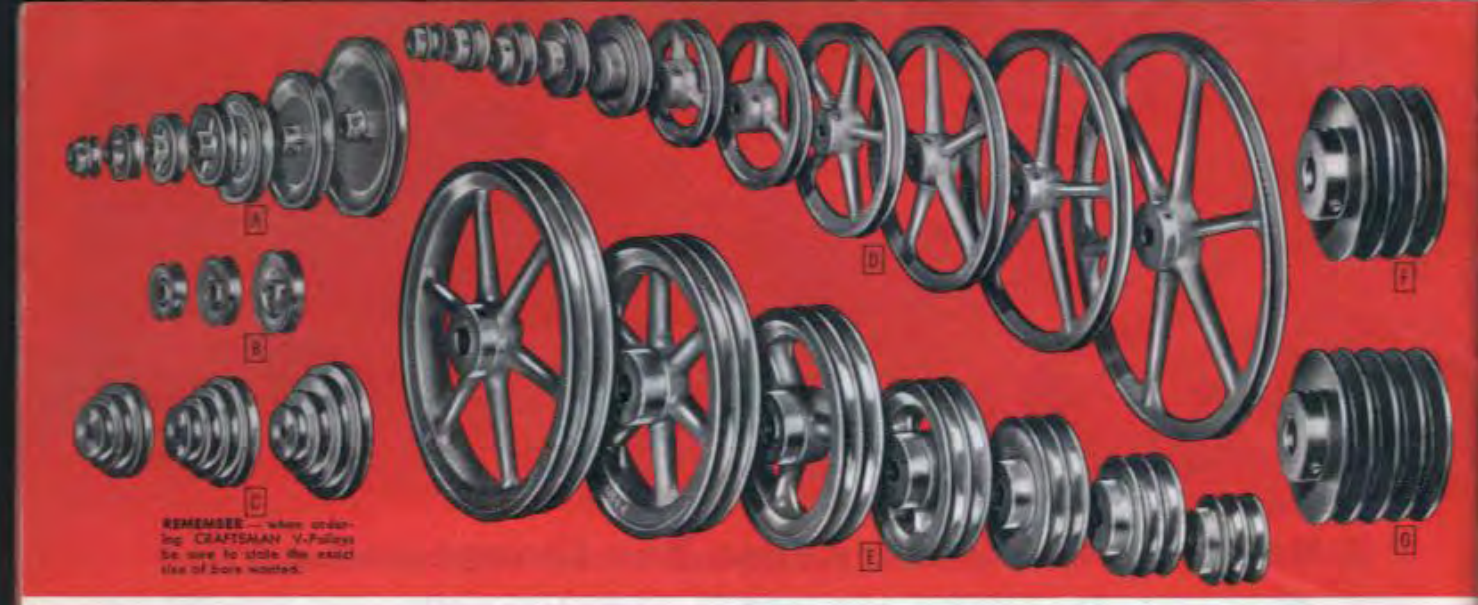
T Sanding Wheel. Available in 2 sizes: 8-in. diameter for ⅝-in. or ½-in. arbor; 10-in. diameter for ¾-in. or ⅝-in. arbor. Strongly made of steel. Fit any 8-in. or larger bench saw having ½, ⅝ or ¾-in. arbor. One medium and one coarse abrasive disc for wood, attached.
9 A 2272—*State arbor size and diam.* Wt. 4 lbs... **$2.65**

6 Replacement Sanding Discs for 9 A 2272 above. 2-in. center hole fits over any arbor. 8-in. diam. includes 2 fine, 2 med., 2 coarse; 10-in. diam. includes 2 fine, 2 med., 2 coarse. *State size.*
9 A 2273— 8-in. Wt. 10 oz..... Pkg. **59c**
10-in. Wt. 1 lb. 2 oz..... Pkg. **69c**

U Flexible Sanding Plates. These flexible sanding plates will fit flexible shafts, polishing heads, lathes, electric hand drills, etc., or any other ¼-inch 20-thread spindle. One medium grit abrasive attached. For wood or metal.
5½-inch diameter. Thick, molded flexible rubber pad, with 3½-inch diameter steel insert. Center-screw in hub keeps sanding disc from shifting.
9 A 2610—Shipping weight 13 oz..... **$1.29**
7-inch diameter. Thick, molded flexible rubber pad, with 4¾-inch diameter steel insert. Hub center-screw keeps sanding disc from shifting. Takes regular 7-in. discs at top of page or resin-bonded discs at left.
9 A 2611—Shipping weight 1 lb. 5 oz..... **$1.75**

V Sanding Belts. These sanding belts have exceptionally high quality throughout. Endless construction. For sanding wood or metal. Choice of fine, medium or coarse grit. *Please be sure to state grit wanted when ordering.*
9 A 2167—**6x48¼ inches.** Aluminum oxide on cloth. Fits 99A02235L sander (see page 20). Shpg. wt. 8 oz..... **$1.10**
9 A 2211—**4x52½ inches.** Aluminum oxide on cloth. Fits Sears former No. 2210 sander. Shpg. wt. 10 oz..... **79c**
9 A 2215—**4x36 inches.** Aluminum oxide on cloth. Fits sander 99A02236 on page 20 or Sears former No. 2213 sander. Shipping weight 4 ounces..... **59c**

Sears Easy Terms make it easy to equip an entire workshop. See inside back cover for details



CRAFTSMAN V-Pulleys . . Precision balanced . . Smooth running

REG. U. S. PAT. OFF.

CRAFTSMAN pulleys are scientifically designed for greatest working efficiency and are carefully and accurately made to give you top working performance from your machinery or power tools. All the belt grooves are painstakingly machined to run true. All bores are reamed to exact size. Diameters given in the table listings below refer to outer edge of pulleys, not to bottom of the groove. *Before ordering, carefully check diameter and bore size wanted.*

CRAFTSMAN single groove V-Pulleys

A **Made of tough alloy die cast metal.** Strong flanges and hubs; machined grooves and reamed bores. One Allen head hardened set-screw insures positive locking of pulley on shaft. For ⅜-in. (O section) or ½-in. (A section) V-belts, except 9A2800, which is for use with ⅜-in. (O section) belt only. *State bore size.*

Cat. No.	Diameter	Bore, inch	Shpg. wt.	Each
9 A 2800	1½ in.	½	3 oz.	35c
9 A 2801	2 in.	½, ⅝	5 oz.	45c
9 A 2802	2½ in.	½, ⅝, ¾	6 oz.	50c
9 A 2803	3 in.	½, ⅝, ¾	7 oz.	55c
9 A 2804	4 in.	½, ⅝, ¾	10 oz.	75c
9 A 2805	5 in.	½, ⅝, ¾	15 oz.	90c
9 A 2806	6 in.	½, ⅝, ¾	1 lb. 6 oz.	$1.35

CRAFTSMAN hubless V-Pulleys

B **Made of tough alloy die cast metal.** Permit use of pulleys side by side for multiple drives. Machined grooves and reamed bores. One Allen head hardened set-screw locks pulley on shaft. For ⅜-inch (O section) or ½-inch (A section) V-belts. *State bore size wanted.*

Cat. No.	Diameter	Bore, inch	Shpg. wt.	Each
9 A 2901	2 in.	½, ⅝	6 ounces	50c
9 A 2902	2½ in.	½, ⅝, ¾	9 ounces	55c
9 A 2903	3 in.	½, ⅝, ¾	11 ounces	67c

CRAFTSMAN cone-type V-Pulleys

C **Made of tough alloy die cast metal.** Use in pairs for variable speed applications. Three and four step. One Allen head, hardened set-screw locks pulley on shaft. For ⅜-in. (O section) or ½-in. (A section) V-belts. Have ½, ⅝ or ¾-inch bore. *State bore size.*

Cat. No.	Size	Diam., step, in.	Shpg. wt.	Each
9 A 2788	3⅝ in.	3⅝, 2⅝, 2	1 lb.	$1.20
9 A 2792	4 in.	4, 3⅝, 2⅝, 2	1 lb. 10 oz.	1.50
9 A 2793	5 in.	5, 4, 3, 2	1 lb. 14 oz.	1.75

CRAFTSMAN single-groove V-Pulleys

D **Made of heavy cast iron.** Heavy duty for production work in the shop, household or on the farm. Use to replace single groove V-pulleys on any type electric motor or gas engine. Positive grip grooves are expertly machined and bores are accurately reamed. CRAFTSMAN single groove V-pulleys have hollow-head, hardened set-screw. Standard keyways in ⅝-inch or larger bores. The grooves fit ⅜-inch (O section) or ½-inch (A section) wide V-belts. *Order by catalog number and please remember to state clearly the size of bore which you require.*

Cat. No.	Diameter	Bore, inch	Shpg. wt.	Each
9 A 2880	1½ in.	½	9 oz.	60c
9 A 2881	2 in.	½, ⅝	11 oz.	65c
9 A 2882	2½ in.	½, ⅝, ¾	15 oz.	75c
9 A 2883	3 in.	½, ⅝, ¾	1 lb. 7 oz.	85c
9 A 2884	4 in.	½, ⅝, ¾	2 lbs. 3 oz.	$1.10
9 A 2885	5 in.	½, ⅝, ¾	2 lbs. 7 oz.	1.40
9 A 2886	6 in.	½, ⅝, ¾, 1	3 lbs.	1.65
9 A 2808	8 in.	½, ⅝, ¾, 1	3 lbs. 15 oz.	1.95
9 A 2810	10 in.	½, ⅝, ¾, 1	4 lbs. 7 oz.	2.25
9 A 2812	12 in.	½, ⅝, ¾, 1	5 lbs. 11 oz.	2.95
9 A 2814	15 in.	¾, 1	9 lbs. 11 oz.	3.75

CRAFTSMAN two-groove V-Pulleys

E **Made of heavy cast iron.** Balanced and true running, strong enough for heavy production work. Use on electric motors or gas engines on industrial, farm, workshop or household machines. Standard keyways provided in all bores listed in table below. Two hardened, hollow-head set-screws. With wrench. For V-belts ½-in. (A section) or ⅝ in. (B section) wide.

9 A 2904—*State pulley diameter and size bore wanted.*

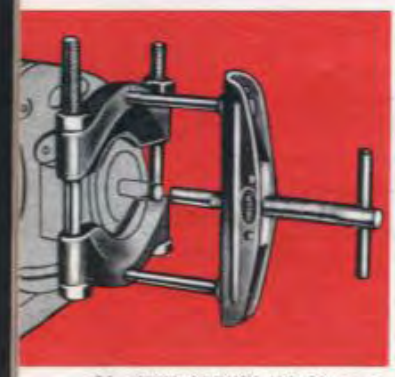
Diameter	Bore, inch	Shpg. wt.	Each
3 in.	⅝, ¾, 1	2 lbs. 11 oz.	$2.95
4 in.	⅝, ¾, 1	4 lbs. 1 oz.	3.60
5 in.	¾, 1, 1 3/16	5 lbs. 9 oz.	4.00
6 in.	¾, 1, 1 3/16	6 lbs. 6 oz.	4.75
7.8 in.	1, 1 3/16	9 lbs. 11 oz.	6.00
9.8 in.	1, 1 3/16	12 lbs.	6.75
12.8 in.	1, 1 3/16	14 lbs.	8.25

CRAFTSMAN 3 and 4-groove V-Pulleys

F G **Heavy duty.** Accurately machined grooves; precision reamed bores. Made of heavy cast iron; balanced; true running. Keyway sizes: from ⅜-in. through 5/16-in., bores, no keyway; from ⅝-in. through 13/16-in., 5/16-in. keyway; from 15/16-in. through 1⅜-in., ⅜-in. keyway; from 1 5/16-in., through 1 7/16-in., ⅜-in. keyway. Allen head screws and Allen head wrench included. Keys not included. Bore sizes: 3.8, 4, and 4.6-in. diameter, ½ through 1¼ in. by 1/16-in. variations; remainder have bore sizes ranging from ⅜-in. to 1½-in. by 1/16-in. variations. Shipped from factory in Chicago; order and pay shipping charges from your Sears mail order house. *Order by catalog number and state pulley diameter and bore.*

Diam. inches	F 3-Groove		G 4-Groove	
	Shpg. wt.	Each	Shpg. wt.	Each
	9 A 2905F		9 A 2906F	
3.8	3 lbs. 8 oz.	$6.25	4 lbs. 12 oz.	$7.35
4	3 lbs. 8 oz.	6.30	5 lbs. 4 oz.	7.50
4.6	5 lbs.	6.50	6 lbs. 8 oz.	7.95
5	5 lbs. 12 oz.	6.85	7 lbs. 8 oz.	8.50
5.6	6 lbs. 8 oz.	7.35	8 lbs. 12 oz.	9.25
6	7 lbs.	7.80	10 lbs.	9.95
7	8 lbs. 8 oz.	9.25	13 lbs.	11.75
	99 A 2905LF		99 A 2906LF	
7.8	14 lbs.	$10.25	16 lbs.	$12.95
9	16 lbs.	11.50	19 lbs.	14.25
9.8	17 lbs.	12.25	20 lbs.	15.25
11.4	20 lbs.	14.25	23 lbs.	16.95
12.8	23 lbs.	15.25	26 lbs.	18.50
15.8	30 lbs.	18.50	34 lbs.	22.95
18.8	43 lbs.	22.95	45 lbs.	26.95

The pulleys on this page were designed to fit CRAFTSMAN and other makes of tools. CRAFTSMAN V-belts (on facing page) were manufactured to match CRAFTSMAN pulleys or any other make of a corresponding line.



Pulley Remover

$3.25 CRAFTSMAN. An excellent sheave and pulley remover for small V-drive pulleys when frozen fast on electric motors or other power tool shafts, and for removing drive sheaves.

Fits single or multiple groove pulleys, gears, bearings, etc. Eliminates pulling on outer flange. Easy to operate. Just clamp in V-groove of sheave or pulley . . . the pulling strain is distributed evenly around a great part of the circumference. Gives a positive non-slip grip. Has capacity of 1¼ to 4½ inches. Strong steel construction.

Handy for the home workshop or for the man who does set-up and mechanical repair work; the answer to many service and maintenance problems. Shipping weight 4 lbs.

9 A 4696 . . . . . $3.25

See pages 43, 44 and 45 for complete listings of CRAFTSMAN Motors . . Your best motor buy!

Table of Pulley Speeds

Use this table to determine the speed of your machine with varying sizes of motor and machine pulleys. Figures given are for use with belt at proper tension and a standard motor speed of 1750 R.P.M. Check the EXAMPLE given at right—then you'll be sure of ordering the correct size pulley for your machine.

Diam. of Driving or Motor Pulley	Diameter in Inches of Machine or Driven Pulley					
	1½	2	2½	3	4	5
1½ in.	1725	1290	1030	860	645	520
2 in.	2300	1725	1380	1150	860	690
2½ in.	2890	2160	1725	1440	1080	860
3 in.	3450	2590	2070	1725	1290	1030
4 in.	4600	3450	2760	2300	1725	1380
5 in.	5750	4310	3450	2870	2160	1725
6½ in.	7460	5600	4490	3740	2800	2240

EXAMPLE—the machine has a 2-in. pulley and should run 3450 or 3500 R.P.M. What size pulley should be used with a 1750 R.P.M. motor? From the table below at left, follow down the vertical 2-in. column to the speed of 3450, then to the left in column headed "Diameter of Driving or Motor Pulley." The answer is a 4-inch diameter pulley.

How to figure pulley diameter for engine. Multiply diameter of driven pulley by speed (R.P.M.) of driven machine. Divide result by the speed (R.P.M.) of engine. Result is diameter of machine pulley.

How to figure machine pulley diameter. Multiply diameter of engine pulley by speed (R.P.M.) of engine. Divide result by speed (R.P.M.) at which driven machine will run. Result is diameter of machine pulley.

"How to Measure" V-Belts: Add diameter of engine pulley (E) to diameter of driven pulley (D); multiply the total of these diameters by 1.57; add twice the distance between centers of pulleys (C) for circumference (length) of belt required.

Another method is to measure around outside edge of pulleys (not in groove) with string or tape.

CRAFTSMAN "INDUSTRIAL"

These V-belts are designed and built for production work in industry—with specifications to meet the demands of factories and shops.

CRAFTSMAN V-Belts . . Built for maximum power transmission

REG. U.S. PAT. OFF.

CRAFTSMAN V-belts are highest quality . . . expertly made from the finest materials available in order to give you the utmost satisfaction. Each belt has an extra heavy, closely woven cotton jacket wrapped around pliable, heat-resistant rubber. Reinforcing cords are pre-treated in liquid rubber.

3/8-inch V-Belts

CRAFTSMAN quality. Correct size for use on drives over small diameter pulleys. See "How to Measure" above.

Cat. No.	Length	Shpg. wt.	Each
9 A 1520	20 in.	4 oz.	50c
9 A 1522	22 in.	4 oz.	50c
9 A 1524	24 in.	4 oz.	50c
9 A 1526	26 in.	4 oz.	55c
9 A 1528	28 in.	4 oz.	55c
9 A 1530	30 in.	4 oz.	55c
9 A 1532	32 in.	4 oz.	60c
9 A 1534	34 in.	4 oz.	60c
9 A 1536	36 in.	4 oz.	65c
9 A 1537	37 in.	4 oz.	65c
9 A 1538	38 in.	4 oz.	65c

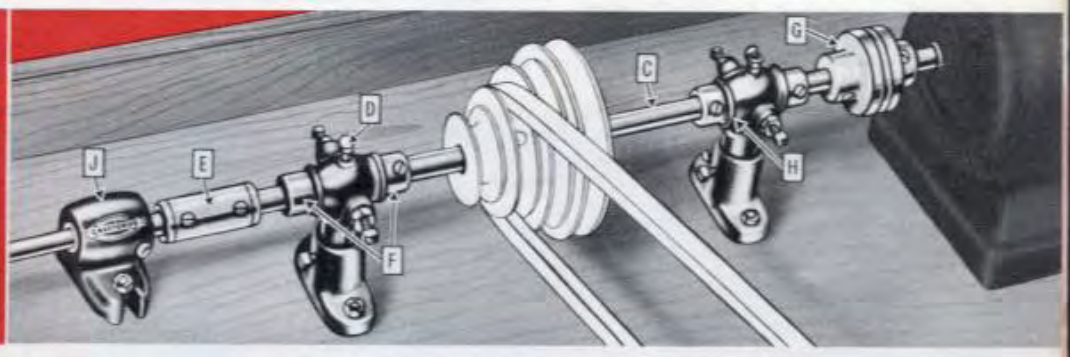
Be sure to order the correct size V-belt. See "How to Measure" above before ordering.

1/2-inch V-Belts . . for most applications with V-pulleys

Genuine CRAFTSMAN quality. The correct size for most applications with V-pulleys, 2 inches in diameter or larger. Gives positive non-slip grip along sides of V-pulley grooves. Be sure to order the correct size V-belt. See "How to Measure" above at left.

Why not replace your worn-out V-belt with a long-wearing, true-running CRAFTSMAN V-belt today . . . you'll speed up production and cut costs immediately.

Cat. No.	Length	Shpg. wt.	Each	Cat. No.	Length	Shpg. wt.	Each	Cat. No.	Length	Shpg. wt.	Each
9 A 1622	22 in.	4 oz.	50c	9 A 1637	37 in.	6 oz.	70c	9 A 1650	50 in.	7 oz.	80c
9 A 1624	24 in.	4 oz.	50c	9 A 1638	38 in.	7 oz.	70c	9 A 1651	51 in.	7 oz.	90c
9 A 1625	25 in.	4 oz.	50c	9 A 1639	39 in.	7 oz.	70c	9 A 1652	52 in.	7 oz.	90c
9 A 1626	26 in.	4 oz.	55c	9 A 1640	40 in.	7 oz.	70c	9 A 1654	54 in.	7 oz.	90c
9 A 1628	28 in.	4 oz.	55c	9 A 1641	41 in.	7 oz.	75c	9 A 1656	56 in.	8 oz.	$1.00
9 A 1629	29 in.	4 oz.	55c	9 A 1642	42 in.	7 oz.	75c	9 A 1658	58 in.	8 oz.	1.00
9 A 1630	30 in.	5 oz.	55c	9 A 1643	43 in.	7 oz.	75c	9 A 1660	60 in.	8 oz.	1.00
9 A 1631	31 in.	5 oz.	60c	9 A 1644	44 in.	7 oz.	75c	9 A 1662	62 in.	8 oz.	1.10
9 A 1632	32 in.	5 oz.	60c	9 A 1645	45 in.	7 oz.	75c	9 A 1664	64 in.	8 oz.	1.10
9 A 1633	33 in.	5 oz.	60c	9 A 1646	46 in.	7 oz.	80c	9 A 1666	66 in.	9 oz.	1.15
9 A 1634	34 in.	6 oz.	60c	9 A 1647	47 in.	7 oz.	80c	9 A 1684	84 in.	10 oz.	1.35
9 A 1635	35 in.	6 oz.	60c	9 A 1648	48 in.	7 oz.	80c	9 A 16100	100 in.	11 oz.	1.60
9 A 1636	36 in.	6 oz.	70c								



Set Screws, Wrenches

A **Socket Set Screws.** Replace ordinary set screws. Can be screwed flush with surface. Tough alloy steel. Shipping wt. each 2 oz.
9 A 2809—*Please state diameter and length.*

Diameter	Length	Threads to in.	Each
1/4 inch	1/4 inch	20	5c
1/4 inch	1/2 inch	20	5c
5/16 inch	5/16 inch	18	5c
5/16 inch	1/2 inch	18	5c
3/8 inch	3/8 inch	16	5c

B **9-piece Set Screw Wrench Set.** For above set screws. Made of tempered tool steel. In convenient plastic holder. Wrenches held securely in holder by Neoprene rubber device; will not fall out when holder is tipped. Fit socket set screws Nos. 4, 6, 8, 10 and 1/4, 5/16, 3/8, 7/16, and 1/2 inch.
9 A 2807—Shipping weight 10 oz. . . . . Set **98c**

9 A 2813—**Individual sizes.** *Please state hex. size wanted.* Shpg. wt. each 1 oz.
Hex. size 1/4-in.; fits 1/4-in. set screw **9c**
Hex. size 5/32-in.; fits 3/16-in. set screw **9c**
Hex. size 3/16-in.; fits 3/16-in. set screw **9c**
Hex. size 7/32-in.; fits 7/32-in. set screw **9c**
Hex. size 1/4-in.; fits 1/4-in. set screw **9c**

Sears Line Shaft and Line Shaft Accessories

Gives you any combination of tool drives for bench or overhead

If your workshop space is limited, if you are looking for real economy in workshop operation, or if you want maximum use from your motor, here's your opportunity to set up a power tool unit in your workshop at an extremely low cost. Designed specially for home workshops, these power drive accessories are finding their place in the industrial workshop as well.

C **Steel Line Shaft.** Use 1/2-in. line shaft for light tools; 5/8 and 3/4-in. line shaft for heavier machines and larger motors.
9 A 2833—1/2x24 in. Shpg. wt. 1 lb. 15 oz. **75c**
99 A 02834—1/2x48 in. Shpg. wt. 3 lbs. **$1.10**
99 A 02830—5/8x48 in. Shpg. wt. 5 lbs. **1.65**
99 A 02835—3/4x48 in. Shpg. wt. 5 lbs. **2.10**

D **Oil Cup.** Easily installed in place of plugs.
9 A 2820—Shipping weight 1 oz. **9c**

E **1/2-inch Rigid Coupling.** Used to connect sections of line shafting.
9 A 2839—Shipping weight 5 oz. **40c**

F **Line Shaft Collars.** Prevent endwise "drift" of shaft.
9 A 2824—1/2-in. Shpg. wt. 2 oz. **15c**
9 A 2825—3/4-in. Shpg. wt. 3 oz. **20c**
9 A 2826—5/8-in. Shpg. wt. 3 oz. **20c**

With this line shaft and accessories it is possible to drive a number of power tools from one motor. You can install it on a bench or for overhead drive. All parts are precision made to Sears standards to assure utmost accuracy. Line shaft (c) above made from "Super-Tuff" steel . . it'll give you years of hard service. For best results use 1/2-H.P. motor or larger.

G **Flexible Coupling.** Used to connect motor shaft to line shaft. Self-adjusting for slight misalignment. *State whether you want 1/2, 5/8 or 3/4-inch size.*
9 A 2840—Shipping weight 12 oz. **70c**

H **Bronze Bearing Shaft Hanger.** Adjustable for perfect shaft alignment. 1/2-inch hangers should be spaced every 18 inches; 3/4-inch hangers should be spaced every 24 inches for best results.
9 A 2828—1/2-inch. Shpg. wt. 1 lb. 8 oz. **$1.75**
9 A 2829—3/4-inch. Shpg. wt. 1 lb. 12 oz. **1.98**

J **Pillow Block.** Used as end support for line shaft. Long-life bronze bearing.
9 A 2716—1/2-inch. Shipping weight 1 lb. 8 oz. **$1.45**
9 A 2717—5/8-inch. Shipping weight 1 lb. 8 oz. **1.45**
9 A 2718—3/4-inch. Shipping weight 1 lb. 8 oz. **1.45**

Sears Easy Terms make it easy to equip a power tool shop. See information on inside back cover

CRAFTSMAN Steel Benches and Accessories

REG. U.S. PAT. OFF.

NEW! Accessories to make your workbench the handiest place possible. These outstanding aids have been especially developed and designed for use in every type workshop. Ideal for factories, machine shops, home workshops, etc. Read about these time savers and order enough for every bench in your shop.

CRAFTSMAN Wall-hung Tool Storage Racks. The most convenient tool storage rack we've seen. Hang steel panel racks on workshop wall to keep tools out of the way. Wise home owners buy one for the garage too . . keep garden tools neat and handy. Heavy-gauge steel. Each panel 11-inches wide, 35½-inches high. Tool holders (12 with each panel) fit into 1½-in. slots. Gray finish. Two racks (one 2-panel, one 3-panel) hold up to 40 tools! (Tools, light fixture, work bench not included.)

99 A 02384—**2-panel Rack.** Shpg. wt. 18 lbs. **$8.50**
99 A 02385K—**3-panel Rack.** (Shown above.) Shipping weight 27 lbs. **11.25**
99 A 02386K—**4-panel Rack.** Shpg. wt. 32 lbs. . . **13.75**

Incandescent Light Fixture. Double end lampholder for two lamps. Shade swivels and support arm adjusts vertically. Bracket furnished has rubber bumpers for use on tool panels (at left). Used without bracket, may be attached to wall or ceiling for permanent mount. Steel with gray and white finish. 7-ft. cord and plug. **UL approved** 110–120 volt AC only. (Bulbs not included.)

99 A 02381—Shpg. wt. 7 lbs. . . . . Each **$4.95**

CRAFTSMAN Powr-Strip. Features convenience of electrical outlets plus safety of built-in circuit breaker. 3 power receptacles . . built-in 15 amp. circuit breaker. 36-in. long. On-off switch.

99 A 02130—Shpg. wt. 4 lbs. **$6.95**

New Combination! Work Benches with Steel Drawers.

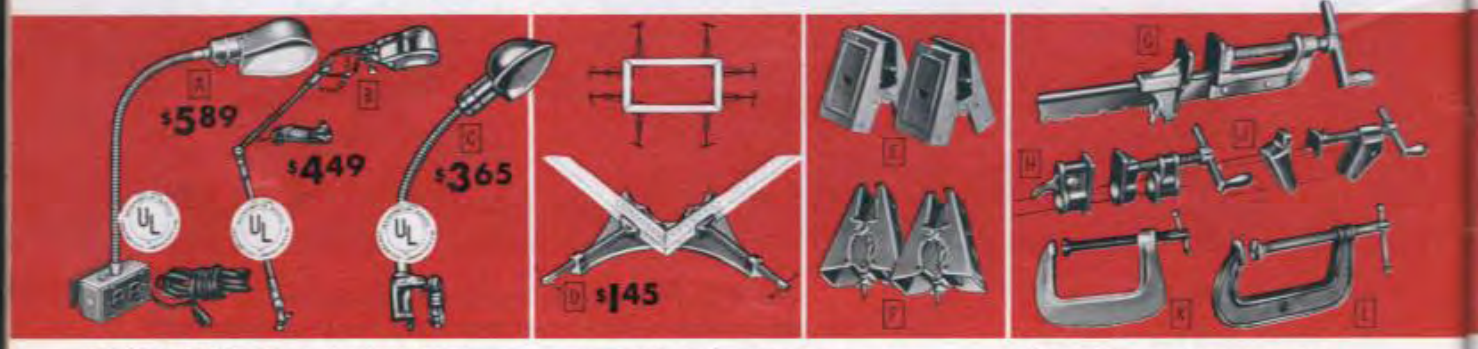
99 A M1044—Includes bench (99AM1029) and two drawers (99A02171) below. Shipping weight 94 lbs. **$28.00**
99 A M1045—**Larger bench.** Includes bench (99AM1030) and two drawers (99A02171) below. Shpg. wt. 111 lbs. . **34.00**

CRAFTSMAN Steel Work Bench. Pressed, bonded wood top—SOLID and harder than maple! Top size 47⅜x23⅜x1½-in. Steel legs; adjustable for uneven floors; gray finish. 34½ in. high. Bolts for assembling included. Vise and drawers not included.

99 A M1029—Shipping weight 76 lbs. **$24.95**
99 A M1030—Same as above but larger. Top size. 68x23⅝x1½-in. Shipping weight 93 lbs. **30.95**

Steel Drawers. (Two shown on bench.) For small tools, etc. Fit CRAFTSMAN work benches 99AM1029 and 99AM1030 above. Overall size 18¹³⁄₁₆x15⅝x5 ⁹⁄₁₆-in.

99 A 02171—Shipping weight 9 lbs. . . . . Each **$3.50**



Tool and Workbench Light Fixtures

A **Light Fixture.** For all workbenches, cabinets, etc. Handy 18-in. flexible "goose-neck" cable permits easy adjustment of lamp to any position. Fixture base has two female receptacles for light-duty motors, hand power tools, soldering iron, etc. Toggle switch in base turns light off and on. 5½-ft. cord and plug. **UL approved.** For 115-volt AC-DC.

9 A 4364—Shipping weight 3 lbs. 4 oz. **$5.89**

B **CRAFTSMAN Incandescent Tool Light.** Rigid tubular steel arms adjust on 3 swivel ball and socket joints. Takes 60 watt lamp. Fits benches listed on facing page. **UL approved.** 4½-ft. cord.

9 A 2537—Shipping weight 2 lbs. 2 oz. **$4.49**

C **Tool Light.** Metal "C" clamp fastens to bench or power tool. Ideal for bench saws, jointer-planers, etc. Easy adjusting 18-in. flex-cable. Triangular shade turns 360°. Interlocking socket won't pull apart. Gray finish. With 6-ft. cord and plug. **UL approved.**

9 A 2536—Shipping weight 3 lbs. **$3.65**

New Workshop Accessories

D **New DUNLAP Corner Clamp and Miter Vise.** For efficiently clamping together picture frames, screens, trim, storm windows, miter or butt joints, etc. Holds work at 90° angle. Made of special lightweight aluminum alloy of great strength. Will not buckle or force mitered joint apart. Open construction permits easy nailing or stapling of wood; also permits excess glue to be wiped off. Handles dimensional lumber and trim up to 3-in. wide.

9 A 6666—Shpg. wt. 12 oz. . . . . Each **$1.45**

E **New DUNLAP Saw Horse Brackets.** Use with nails. Hinge action provides easy folding of saw horse. Enameled steel. (use 2x4s.)

9 A 2887—Shpg. wt. 2 lbs. 8 oz. . . . . Pair **$1.89**

F **Saw Horse Brackets.** Need no nails or bolts. Easy to set up and take down. Steel . . rust resistant enamel finish. (Use 2x4s.)

9 A 2849—Shpg. wt. 6 lbs. . . . . Pair **$3.59**

Metal Clamps for Every Job

G **Cabinetmaker's Steel Clamp.** Steel T-bar 1½x½x ³⁄₁₆-in. Has sliding jaw . . locks in notches. 1⅞-in. face.

99 A 06676—*Please state size wanted.*
Opens to 3-ft. Shipping weight 8 lbs. . . . . Each **$5.55**
Opens to 4-ft. Shipping weight 9 lbs. . . . . Each **5.85**

H **Gluing Clamp.** Adjustable pipe style, use with ¾-in. threaded pipe (less pipe). Sliding jaw. 1⅜x1⅞ in. face.

9 A 6674—Shipping weight 3 lbs. 14 oz. **$2.59**

J **Improved Gluing Clamp.** Designed to fit any length standard 2x4 (not included). Malleable iron.

9 A 6673—Shipping weight 4 lbs. 8 oz. **$2.59**

K **Aluminum Alloy C Clamp.** Won't rust. Close threaded screw. Smooth sliding "T" handle. *State size wanted.*

Opens to	1 in.	2 in.	3 in.	4 in.
Shpg. wt.	2 oz.	3 oz.	8 oz.	13 oz.
9 A 6670	31c	39c	72c	$1.05

L **Malleable Iron C Clamps.** Self adjusting swivel head. Acme threaded screw. *Please state size wanted.*

Opens to	2 in.	3 in.	4 in.	5 in.	6 in.	8 in.
Shpg. wt.	5 oz.	1 lb. 8 oz.	2 lbs. 2 oz.	2 lbs. 8 oz.	3 lbs. 2 oz.	4 lbs. 8 oz.
9 A 6667	25c	89c	$1.15	$1.29	$1.49	$2.15

CRAFTSMAN Tool Benches

REG. U.S. PAT. OFF.

For almost ANY bench-type power tool

Each leg adjusts quickly on uneven floors . . . benches stay level, work is more accurate

Benches adjust easily for any height 22 to 32 in. for greater convenience

Special leg angle design keeps constant tension . . . bolts stay tight, frames stay true

Cross slide-rails clamp anywhere. Bolts and channel clips lock tools, motors in place

Feet are punched for bolting to floor or mounting —wheel set listed below

A sturdy, heavy-gauge steel mount for almost any bench-type power tool or motor in your workshop! Legs are *adjustable* from 22 to 32 inches height; 16¼ inches wide. Legs adjust *separately* for uneven floors . . assuring a steady, firm support. Punched frames hold your own solid top and shelving; feet punched for casters (not included), or for bolting to workshop floor. Two frames of rigid one-piece welded steel . . special leg angle keeps tension constant . . bolts stay tight . . frames stay true. Cross slide rails easily moved for tool mounting . . clamp anywhere along top or bottom frame.

Be sure to read tool bench mounting recommendations below. If more work area is required, or mounting dimensions exceed bench size, order mounting plates (9A2013) below. Benches enameled gray. Complete with bolts and instructions.

18-in. long x 16¼-in. wide

A **CRAFTSMAN Power Tool Bench.** For band saw, belt grinder, drill press, etc. **All features listed above.** Maximum mounting dimensions 12x14 inches. For mounting tools with dimensions exceeding bench size order mounting plates (9A2013 below). With 2 cross slide rails. Extra slide-rails available (9A2016 below).

99 A 02140K—Shpg. wt. 23 lbs. . . **$10.95**

30-in. long x 16¼-in. wide

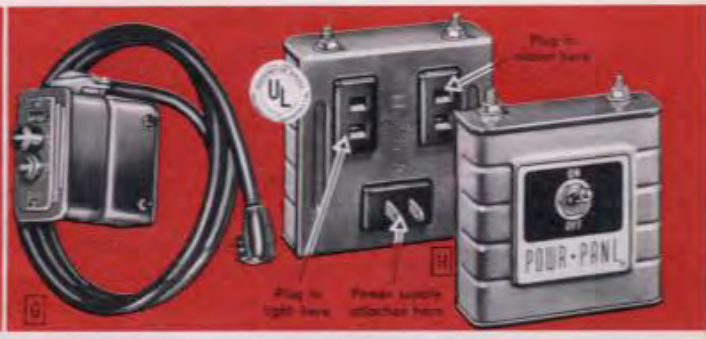
B **CRAFTSMAN Power Tool Bench.** For jig saw, jointer-planer, wood lathe, wood planer. **All features listed above.** Maximum mounting dimensions 12x26 inches. For mounting tools with dimensions exceeding bench size, order mounting plates (9A2013 below). With 4 cross slide rails for mounting power tool and motor on same bench.

99 A 02134K—Shpg. wt. 30 lbs. . **$12.50**

TOOL BENCH MOUNTING RECOMMENDATIONS

Power Tool	Catalog Number	Page	Bench Recommended	Additional items required
Band Saw	99 A M2430	12	99 A 02140K motor below or 99 A 02134K motor behind	2 ea. 9 A 2016 cross rails
	99 A M2428	13	99 A 02140K	None
Belt Sander	99 A 02236	20	99 A 02140K*	2 ea. 9 A 2016 cross rails
	99 A 02235L	20	99 A 02134K	None
			99 A 02140K	None
Bench Saw	99 A M2752	4	99 A 02134K	None
	99 A 02216L	5	99 A 02134K	None
	99 A 02424L	6	99 A 02134K	None
	99 A M2476	6	99 A 02134K motor behind	One 9 A 2275 motor rail
Drill Press	99 A M2313	32	99 A 02140K* or 99 A 02134K	None None
	99 A M2364	33		
	99 A M2362	33		
Grinders, Elec.	99 A 01950L	46	99 A 02140K*	None
	99 A 01951L	46		
	99 A M1952	47	99 A 02134K	None
Grinders	99 A 06629K	47	or 99A02140K*	None
	99 A 06614	47		
Grinder Hone	99 A 02267K	47	99 A 02140K	None
Grindstone	99 A 06620K	47	99 A 02140K	None
Hacksaw	99 A 02294L	23	99 A 02134K	9A2013 mount. plates (pr.)
Jig Saw	99 A M2344	14	99 A 02134K	Pair 9 A 2013
Jig Saw	99 A M2315	15	99 A 02134K	None
Jointer-Planer	99 A 02334L	16	99 A 02134K	None
Jointer-Planer	99 A M2390	17	99 A 02134K	Pr. 9 A 2013 mounting plates
Lathe	99 A M2507	21	99 A 02134K	Wood top, wide enough to mount motor on same level, behind.
	99 A 02127L	28	99 A 02134K	
Lathe	99 A M2048	22	99 A 02134K	
Wood Planer	99 A M2370	16	99 A 02140K* or	2 ea. 9 A 2016 cross side rails
	99 A M2349	18	99 A 02134K	None
Polishing Head	9 A 6627	47	99 A 02134K	None
Shaper	99 A M2392	19	99 A 02134K	None

*Bench most applicable. If additional work space is desired, we recommend bench 99 A 02134K, using your own bench top.



Bench Accessories

C **Cross Slide-Rails.** For mounting power tools and motors on benches listed above. See table above for all of the tools needing extra cross slide rails. Shipping weight 3 pounds.

9 A 2016 . . . . . Each **85c**

D **Mounting Plates.** For mounting tools with dimensions exceeding bench sizes. See table above. Shipping weight 4 pounds.

9 A 2013 . . . . . Pair **95c**

E **Caster Set.** Fit benches above on facing page. 2-inch diameter wheels; ball bearing swivels. Set of 4; 2 with foot brakes. Threaded 5/16-inch diameter; ¾-inch length. With nuts. Shipping weight 2 pounds.

9 A 2736 . . . . . Set of 4 **$2.49**

Wheel Set

F **CRAFTSMAN Power Bench Wheel Set.** Fit power tool benches listed above. Feet punched ready to attach. Permits easy moving bench and power tool. Made from heavy-duty plate steel. Hard rubber wheels resist grease and oils. Set consists of 2 wheels.

Bench is moved with same principle as moving wheel barrow. Shipping weight 2 pounds 4 ounces. Order a set for each power tool bench in your workshop. See facing page for additional accessories.

9 A 2244 . . . . . Set **$1.95**

Switch and Power Panel

G **New!** An extra heavy-duty switch and power panel for your work bench. Especially suited for industrial uses. Safer, more convenient way of turning power on and off. Just press the black button to turn power on . . red button to turn it off. Double pole switch breaks both sides of power line. Mounting bolts included for adapting to wood or metal benches.

Extra-heavy duty 1½-H.P. rated switch . . 125–250 volts, AC or DC. Heavy gauge steel receptacle box with 8 foot 14-gauge rubber cord and unbreakable plug. Heavy Bakelite receptacle in rear to plug in motor. This is a "must" item for each work bench and power tool in your shop. They're easy to install and time savers too! Shipping weight 3 pounds.

9 A 1923 . . . . . **$12.50**

CRAFTSMAN Powr-Panl

H **Powr-Panl** spells the safe way to hook up power tools, motor and tool light. Convenient too, no more reaching over moving parts to turn motor on and off. Toggle switch located on front of receptacle box. Fits benches listed above and benches listed above on facing page. Has brackets for adapting to other wood or metal benches.

Underwriters' Laboratories approved. Heavy duty 1-H.P. rated switch, 125–250 volts, AC or DC. Easy to install and use. One double prong receptacle receives the power . . two cube taps to plug in motor and light. You need one for each work bench in your shop. Shipping weight 1 pound.

9 A 2120 . . . . . **$3.95**

Buy what you want and need . . . equip your shop NOW on Sears convenient Easy Payment Plan. See inside back cover for complete information.

You Can Cut and Polish Gems Yourself!

6-in. Gem Maker 22-piece Set
$32.95 CASH
Without motor, motor pulley or belt
$3.50 DOWN

NEW 8-in. Gem Maker 23-piece Set
$59.50 CASH
Without motor, motor pulley or belt
$6.00 DOWN

You'll find many uses for Personalized gems . . Gifts, Displays, etc.

CRAFTSMAN Gem Makers . . Complete with needed Accessories

REG. U.S. PAT. OFF.

Three superb Gem Makers that are really big NEWS for all lapidaries . . amateurs or professionals. Lapidary (gem-cutting and polishing) is becoming a tremendously popular hobby all over America . . and now Sears is offering three complete professional quality outfits at sensationally low prices.

We repeat . . these are COMPLETE outfits . . with some semi-precious stones included. Real professional quality throughout. Performs all operations of sawing, grinding, shaping, and polishing. Ideal for amateurs and professionals . . hobbyists or jewelers . . money making or fun. That spare corner in your workshop, or even in your home can be turned into a fascinating place where you can spend your leisure hours creating things of beauty. Work in jade, obsidian, agate, onyx, opal and other semi-precious and precious stones. Many people use stones they have found themselves. Or you can buy rough semi-precious or precious stones.

Made of light, strong aluminum alloy castings. Three sturdy aluminum alloy legs which can be bolted to workbench. All wheels run in horizontal positions. Wheels can be changed easily and quickly by removing bolt and lifting wheel from spindle. Large capacity lubrication cup can be moved around the rim . . this means the operator can have plenty of lubrication without having his view blocked at any time. Deep lipped splash rim keeps liquids from splashing out. Rifled-drilled shaft provides forced lubrication to the bearing when grease cut is tightened. Use ¾-H.P. motor at 1750 R.P.M. . . and 1½-in. motor pulley with 32 to 48-in. V-belt. (Motor, motor pulley and V-belt not included with set, order separately below.) Order extra supplies for gem making from complete listings below. Gem Making is fun and it's EASY . . order your set today and begin enjoying a profitable and practical hobby!

6-inch Gem Maker

EQUIPMENT INCLUDED: Complete 6-in. Gem Maker; 6-in. super-charged diamond wheel; 6-in. cast iron lap wheel; 6-in. silicon carbide grinding wheel; 6-in. wood scratch wheel; 6-in. silicon carbide scratch wheel; 6-in. special felt polishing wheel; 4-oz. No. 100 grinding compound; 4-oz. No. 220 grinding compound; 3-oz. polishing compound; 3 brushes for applying compounds; 6-assorted dop sticks; 1 stick dop cement; assorted gems for cutting; ½ pint soluble oil; instructions. Height, with cup 11¾ inches.

99 A 01400—Set, without motor, motor pulley or V-belt. Shpg. wt. 18 lbs. **$32.95**

99 A 01974K—DUNLAP ¼-H.P. 1750 R.P.M. split phase motor. For 110-120 volt, 60-cycle AC. (Use 1½-in. motor pulley, 32 to 48-in. V-belt). Wt. 23 lbs. **$14.50**

8 and 10 in. Gem Maker

EQUIPMENT INCLUDED: Complete 8-in. Gem Maker; 8-in. diamond blade; 10-in. cast iron lap wheel; 8-in. grinding wheel; 8-in. scratch wheel; 8-in. polishing wheel; 4-oz. No. 100 grit compound; 4-oz. No. 200 grit compound; 3-oz. polishing compound; 3 brushes; 6 dop sticks; dop cement; assorted gems; 16 oz. can oil; lead weights for sawing; instructions.

99 A 01421L—Set without motor, motor pulley or V-belt. Wt. 45 lbs. **$59.50**

99 A 01422L—10-in. Gem Maker. As above but with 10-in. diamond blade. Shipping weight 45 lbs. **65.50**

99 A 01974K—DUNLAP ¼-H.P. 1750 R.P.M. split phase motor. For 110-120 volt, 60-cycle AC. Use 1½-in. motor pulley 32 to 48-in. V. belt. Wt. 23 lbs. **14.50**

Extra Supplies for Gem Making

9 A 1441—Grinding Compound. One 12-oz. package each No. 100 and No. 220. Shipping weight 1 pound 12 ounces **$1.15**

9 A 1403—12-ounce package Polishing Compound. Shipping weight 14 oz. **1.49**

9 A 1405—6 or 8-in. Silicon Carbide Replacement Disc. *State diameter.*
6-in. Shipping weight 2 oz. . . . 4 for $1.10 8-in. Shipping weight 4 oz. . . 3 for **1.10**

9 A 1406—6 or 8-inch Silicon Carbide Scratch Wheel. *State diameter.*
6-in. Shipping weight 8 oz. ..... 89c 8-in. Shpg. wt. 1 lb. 4 oz. **1.29**

9 A 1407—6 or 8x½-in. Silicon Carbide Grinding Wheel. *State diameter.*
6-in. Shipping weight 1 lb. 4 oz. . . . $2.95 8-in. Shpg. wt. 4 lbs. 10 oz. **5.75**

9 A 1410—6 or 8-in. Felt Polishing Wheel. *State diameter.*
6-in. Shipping weight 8 oz. ..... $1.60 8-in. Shpg. wt. 1 lb. 4 oz. **1.98**

9 A 1429—1 pint Soluble Oil for sawing. Shpg. wt. 1 lb. 8 oz. **65c**

9 A 1442—2½-ounce package Dop Cement, 6 dop sticks. Shpg. wt. 6 oz. **$1.15**

9 A 1414—Alcohol Lamp for melting dop cement. Shpg. wt. 9 oz. **1.00**

9 A 1415—1-lb. package Assorted Semi-precious Stones. Shpg. wt. 1 lb. 2 oz. **1.95**

Supercharged Diamond Cutting Wheels. ¾-inch bore. 8, 10, and 12-inch sizes. Highest quality cutting wheel for cutting all stones. 8, 10 and 12-in. wheels are shipped from our factory near Chicago. Pay postage from your mail order house.

9 A 1418—6-inch. For 6-inch Gem Maker listed on this page. Shpg. wt. 9 oz. . . . **$9.25**

9 A 1418F—8-in. For 8-in. Gem Maker above. *State diameter.* Shpg. wt. 14 oz. . . **11.40**

9 A 1418F—10-in. For 10-in. Gem Maker above. *State diameter.* Wt. 1 lb. 2 oz. . . . **14.80**

9 A 1418F—12-in. Not for above Gem Makers. *State diameter.* Wt. 1 lb. 10 oz. . . . **21.80**

IT'S EASY! Just 7 simple steps from the rough stone to a beautiful gem

First, simply saw the stone flat on one side with diamond blade.

Smooth flat surface with cast iron lap wheel.

Cement the stone to the round wood dop stick to permit easier handling.

Shape the top and sides of the stone on the silicon carbide grinding wheel.

Take out the deeper scratches in the shaped stone with the wood lap wheel.

Takes out the remaining smaller scratches with the silicon carbide scratch wheel.

Give the gem a beautiful, gleaming professional finish with the felt polishing wheel.

Instruction Books Save You Time, Money, Work! AND You Get the Most from Your Power Tools

A Drill Press Manual. 32 pages covering more than 100 drill press operations. Describes drilling, shaping, sanding, mortising, dovetailing, routing and carving. Has more than 200 illustrations.
9 A 2921—Shpg. wt. 2 oz. . . **25c**

B "The Jointer, Shaper and Thickness Planer." A complete manual of operation. Clearly describes more than 30 operations. Provides complete sharpening instructions. Strongly bound. 32 pages; over 200 illustrations.
9 A 2916—Shpg. wt. 2 oz. . . **25c**

C "The Circular Saw." More than 215 illustrations; 32 pages. Describes using the bench saw, electric hand saw, swing saw, builders' and radial saws. Clearly instructs on how to make 30 wood joints.
9 A 2926—Shpg. wt. 2 oz. . . **25c**

D Arc Welder Manual. Provides step-by-step instruction on how to arc weld. Describes how to mend broken equipment and construct new devices for more efficient work. Ideal for farm welders. 36 pages; 165 illustrations.
9 A 2025—Shpg. wt. 3 oz. . . **49c**

E "The Jig Saw and Band Saw." Provides a detailed description for operating both types of saws; explains many short cuts! Contains 32 pages; more than 160 illustrations. Strongly paper bound.
9 A 2919—Shpg. wt. 2 oz. . . **25c**

F Metal Lathe Manual. 234 pages . . . fully illustrated. Provides a sound, practical explanation of the operation of a metal lathe. Complete with convenient machinists' tables. Each section is indexed for easy reference. Order now!
9 A 2925—Shpg. wt. 11 oz. **$1.50**

G "The Wood Lathe." Describes and illustrates more than 225 wood-turning lathe operations. Tells how to mount attachments; describes centering, planning, etc. 32 fully-illustrated pages. Order now!
9 A 2920—Shpg. wt. 2 oz. . . **25c**

H "The Oxy-Acetylene Welder's Handbook." A complete, comprehensive oxy-acetylene welder's manual for beginners and experienced welders alike. Describes how to do welding, cutting, brazing, etc. 258 pages. Fully illustrated.
9 A 5411—Shpg. wt. 1 lb. **$3.50**

J "How to Sharpen" Manual. Invaluable to all users of any type of cutting tools! Clearly demonstrates how to bring almost any cutting tool to a razor sharp edge. More than 200 useviews and illustrations. 32 pages.
9 A 2924—Shpg. wt. 2 oz. . . . **25c**

K "How to Spray Paint Like an Expert." Discusses every facet of paint spraying . . from how to select a spray outfit to novelty wood finishes. Tells how to spray car, house, furniture, etc. 32 pages; 160 illustrations. Order now!
9 A 1899—Shpg. wt. 2 oz. . . . **25c**

SEARS EASY PAYMENT PLAN

It is possible to equip a complete power tool workshop for only a few dollars down on Sears Easy Payment Plan. You can carefully plan your shop and buy all the tools you need NOW . . . all at one time . . . and pay for the shop while you are using it. You can buy anything in this catalog on Easy Terms if your purchase totals $20 or more. It takes only a 10% down payment with your purchase, and the balance in convenient monthly payments. See the table below for the amount of monthly payments. Any of our sales people will be glad to give you further information about Sears Easy Payment Plan.

If unpaid balance amounts to	We shall add for Easy Payments	Amount monthly is	If unpaid balance amounts to	We shall add for Easy Payments	Amount monthly is
$17.50 to $22.00	$2.00	$5.00	$120.01 to $130.00	$12.50	$10.00
22.01 to 24.00	2.25		130.01 to 140.00	13.50	
24.01 to 26.00	2.50		140.01 to 150.00	14.50	11.00
26.01 to 28.00	2.75		150.01 to 160.00	15.50	
28.01 to 30.00	3.00		160.01 to 170.00	16.50	12.00
30.01 to 33.00	3.25		170.01 to 180.00	17.50	
33.01 to 36.00	3.50	5.00	180.01 to 190.00	18.50	13.00
36.01 to 40.00	4.00		190.01 to 200.00	19.50	
40.01 to 45.00	4.50		200.01 to 210.00	20.00	14.00
45.01 to 50.00	5.00		210.01 to 220.00	20.50	
50.01 to 55.00	5.50		220.01 to 230.00	21.00	15.00
55.01 to 60.00	6.00	6.00	230.01 to 240.00	21.50	15.00
60.01 to 65.00	6.50		240.01 to 250.00	22.00	16.00
65.01 to 70.00	7.00	7.00	250.01 to 260.00	22.50	16.00
70.01 to 75.00	7.50		260.01 to 270.00	23.50	17.00
75.01 to 80.00	8.00	8.00	270.01 to 280.00	24.50	17.00
80.01 to 85.00	8.50		280.01 to 290.00	25.50	18.00
85.01 to 90.00	9.00		290.01 to 300.00	26.50	19.00
90.01 to 95.00	9.50	9.00	For balances over $300 consult any Sears salesperson		
95.01 to 100.00	10.00				
100.01 to 110.00	10.50	10.00			
110.01 to 120.00	11.50				

IMPORTANT NOTICE ABOUT PRICES

We reserve the right to change the price of any item in this catalog if it becomes necessary to do so . . . Furthermore, should the Federal Government or any State increase by taxes or otherwise the cost or selling price of any of the merchandise shown in this book, we reserve the right to add such taxes or other increases of cost or selling to the prices shown . . . The prices shown in this catalog are good for the continental United States only.

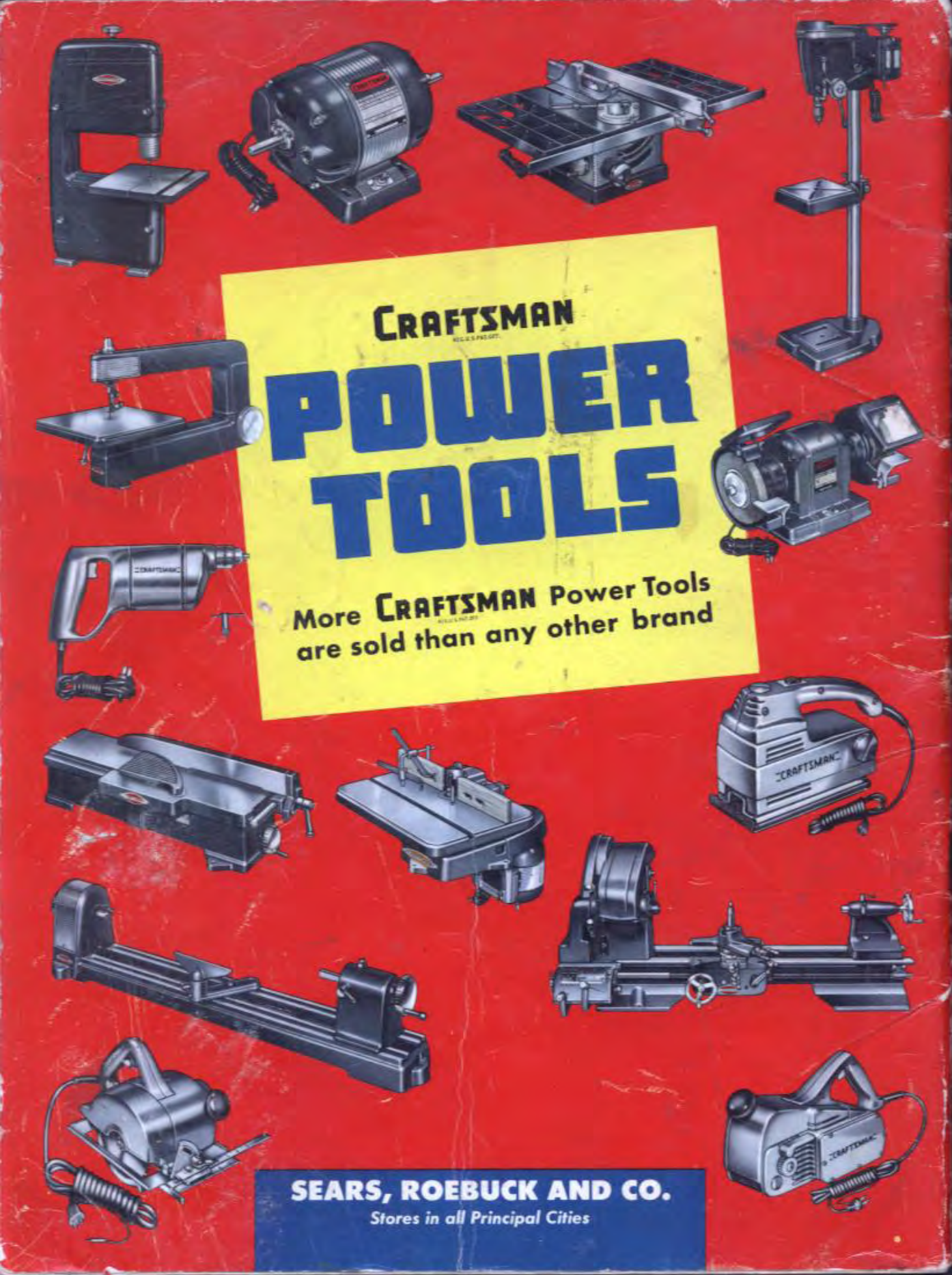
INDEX

Abrasives . . . 39, 51, 52, 53
Arbors . . 21, 23, 25, 27, 28, 29, 30
Band Saws and Blades . . . 12, 13
Belts . . . 53
Benches, Power Tool . . . 5, 29, 57
Benches, Work . . . 54
Bench Saws and Accessories . . . 1 to 5
Centers . . . 21, 23, 25, 27, 28, 29, 30
Chucks . . . 21 to 32
Clamps . . . 56
Cut-off Wheels . . . 53
Dado Sets . . . 10
Drill Press and Accessories . . . 30 to 33
Drills . . . 36 to 39
Electric Hand Saws . . . 40, 41
Electrical Accessories . . . 20, 56, 57
Extension Cords . . . 37, 43
Flexible Shafts . . . 51
Floor Model Saw . . . 1
Gem Makers . . . 58
Glue . . . 52
Grinders . . . 46, 47
Grinding Wheels . . . 1, 52, 53
Hack Saws, Power . . . 23
Impact Tool . . . 39
Instruction Manuals . . . 57
Jig Saws and Blades . . . 14, 15
Jointer-Planers . . . 7, 16, 17
Lathes, Accessories . . . 21 to 32
Lineshaft Accessories . . . 55
Mandrels . . . 9
Milling Machines, Accessories . . . 30, 31
Miter Gauges . . . 3, 9
Miter Vise . . . 56
Molding Cutter and Accessories . . . 10
Motors and Accessories . . . 43, 44, 45
Planers . . . 16, 17, 18
Polisher . . . 37, 42
Polishing Equipment . . . 36, 37, 39, 52
Polishing Heads . . . 47
Power-Pant . . . 57
Pulleys . . . 54
Radial Saw . . . 8, 9
Rotary Tool, Accessories . . . 39
Router . . . 39
Sanders . . . 20, 42
Sanding Equipment . . . 21, 36, 37, 42
Saw Blades . . . 1, 11, 12, 14
Saw Guides . . . 40, 41
Saw Table Extension . . . 7
Saw Horse Brackets . . . 56
Set Screws . . . 54
Shaper and Shaper Cutters . . . 19
Sharpener, Knife . . . 47
Sharpener, Saw . . . 9
Soldering Irons . . . 49
Swing Saw . . . 8, 9
Switches, Electrical . . . 20, 57
Thickness Planers . . . 16, 17, 18
Tool Lights . . . 56
Welders and Accessories . . . 48, 49, 50
Wheels Sets . . . 7, 57

SEARS GUARANTEE

We guarantee that every article in this catalog is honestly described and illustrated . . . We guarantee that any article purchased from us will give you the service you have a right to expect . . . If for any reason whatever you are not satisfied with any article purchased from us, we want you to return it to us . . . We will then exchange it for exactly what you want, or will refund your money.

SEARS, ROEBUCK AND CO.


CRAFTSMAN
POWER TOOLS
More CRAFTSMAN Power Tools are sold than any other brand
SEARS, ROEBUCK AND CO.
Stores in all Principal Cities